

	Issue Date	Pages	Document ID	Title
1	20030626	156	US 20030119037 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
2	20030424	39	US 20030077799 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
3	20030403	68	US 20030064475 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
4	20030320	90	US 20030054529 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
5	20030313	81	US 20030049795 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
6	20030313	47	US 20030049792 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
7	20030206	185	US 20030027307 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
8	20030130	207	US 20030022340 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
9	20030130	40	US 20030022339 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
10	20030130	53	US 20030022337 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
11	20030130	41	US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
12	20030130	100	US 20030022229 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
13	20030102	35	US 20030003560 A1	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof
14	20021017	95	US 20020151020 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
15	20021003	52	US 20020142430 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
16	20021003	40	US 20020142427 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
17	20020926	31	US 20020137167 A1	ISOLATED HUMAN CASEIN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN CASEIN KINASE PROTEINS, AND USES THEREOF
18	20020919	89	US 20020132325 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
19	20020919	90	US 20020132324 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
20	20020919	184	US 20020132322 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
21	20020919	39	US 20020132296 A1	Human Ste20-like stress activated serine/threonine kinase
22	20020912	174	US 20020127683 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
23	20020905	63	US 20020123121 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
24	20020905	69	US 20020123120 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
25	20020829	53	US 20020119548 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
26	20020829	94	US 20020119544 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
27	20020815	67	US 20020110889 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
28	20020815	49	US 20020110888 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

	Issue Date	Pages	Document ID	Title
29	20020801	34	US 20020103116 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
30	20020718	69	US 20020094946 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
31	20020718	56	US 20020094560 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
32	20020704		US 20020086391 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEROF
33	20020627	320	US 20020082189 A1	ISOLATED HUMAN SERINE/THREONINE KINASE NUCLEIC ACID MOLECULES ENCODING HUMAN SERINE/THREONINE KINASE AND USES THEREOF
34	20020620	52	US 20020076783 A1	Plants and plants cells expressing histidine tagged intimin
35	20020613	68	US 20020072491 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
36	20020530	39	US 20020064851 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
37	20020530	44	US 20020064843 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
38	20020509	78	US 20020055160 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
39	20020228	40	US 20020025570 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
40	20020207	44	US 20020015987 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
41	20011220	44	US 20010053844 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
42	20030624		US 6582946 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
43	20030429	41	US 6555352 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
44	20030325	75	US 6537788 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
45	20030318	37	US 6534299 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
46	20030304		US 6528294 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
47	20021231	65	US 6500938 B1	Composition for the detection of signaling pathway gene expression
48	20021231	44	US 6500655 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
49	20021210	107	US 6492156 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
50	20021210	180	US 6492155 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
51	20021210		US 6492154 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
52	20021210		US 6492153 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
53	20021119	46	US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
54	20021119	67	US 6482624 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
55	20021112	202	US 6479269 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
56	20021008	49	US 6461846 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
57	20020924		US 6455291 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
58	20020910	31	US 6448057 B1	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof
59	20020820	38	US 6437110 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
60	20020730	60	US 6426206 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
61	20020723	65	US 6423521 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
62	20020702	76	US 6413756 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
63	20020625	69	US 6410294 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
64	20020611	82	US 6403353 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
65	20020514	85	US 6387677 B1	Nucleic acid molecules encoding human calcium/calmodulin (CaMK) dependent kinase proteins
66	20020416	87	US 6372468 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
67	20020122	88	US 6340583 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
68	20011127	39	US 6323016 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
69	20010724	37	US 6265560 B1	Human Ste20-like stress activated serine/threonine kinase

	Issue Date	Pages	Document ID	Title
1	20030403	14	US 20030064495 A1	Novel human kinase proteins and polynucleotides encoding the same
2	20030130	17	US 20030023063 A1	Novel human kinases and polynucleotides encoding the same
3	20030102	14	US 20030004328 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
4	20021031	78	US 20020161213 A1	Novel human kinases and polynucleotides encoding the same
5	20020926	16	US 20020137913 A1	Novel human kinases and polynucleotides encoding the same
6	20020912	17	US 20020128458 A1	Novel human kinases and polynucleotides encoding the same
7	20020815	18	US 20020110908 A1	Novel human kinases and polynucleotides encoding the same
8	20020808	16	US 20020107384 A1	Novel human kinase and polynucleotides encoding the same
9	20020627	10	US 20020082406 A1	Novel human kinase interacting protein and polynucleotides encoding the same
10	20020627	20	US 20020081600 A1	Novel human kinase proteins and polynucleotides encoding the same
11	20020411	14	US 20020042503 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
12	20020328	54	US 20020038011 A1	Novel human kinases and polynucleotides encoding the same
13	20020328	12	US 20020038009 A1	Novel human kinase protein and polynucleotides encoding the same
14	20030617	75	US 6579710 B2	Human kinases and polynucleotides encoding the same

	Issue Date	Pages	Document ID	Title
15	20030401	11	US 6541252 B1	Human kinases and polynucleotides encoding the same
16	20030128	27	US 6511840 B1	Human kinase proteins and polynucleotides encoding the same
17	20021105	17	US 6476210 B2	Human kinases and polynucleotides encoding the same
18	20020903	15	US 6444456 B1	Human G-coupled protein receptor kinases and polynucleotides encoding the same

	L #	Hits	Search Text
1	L1	35920	kinase\$2
2	L2	206	human adj 11
3	L3	536127	clon\$3 or express\$3 or recombinant
4	L4	133	12 same 13
5	L5	75922	brain\$2 or testis or trachea or kindn\$4
6	L6	38880	spleen or adrenal or "spinal cord"
7	L7	12656	15 same 16
8	L8	94086	15 or 16
9	L9	69	14 same 18
10	L10	66	donoho.in.
11	L11	3751	turner.in.
12	L12	7450	friedrich.in.

	L #	Hits	Search Text
13	L13	0	zamrowicz.in.
14	L14	57	zambrowicz.in.
15	L15	343	sands.in.
16	L16	13	110-113 or 114-115
17	L17	11502	110 or 111 or 112 or 114 or 115
18	L18	0	19 and 117
19	L19	0	14 and 117
20	L20	18	12 and 117

=> d his

(FILE 'HOME' ENTERED AT 13:57:33 ON 30 JUN 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 13:57:54 ON 30 JUN 2003

L1 1090404 S KINASE?
L2 381469 S HUMAN AND L1
L3 6012364 S CLON? OR EXPRESS? OR RECOMBINANT
L4 183416 S L2 AND L3
L5 1344 S HUMAN (A)L1
L6 895 S L3 AND L5
L7 4162498 S BRAIN OR TRACHEA OR KIDNE? OR TESTIS
L8 1127703 S PROSTATE OR SPINAL(A)CHORD OR SPLEEN? OR ADRENAL
L9 5087432 S L7 OR L8
L10 240 S L6 AND L9
L11 194 DUP REM L10 (46 DUPLICATES REMOVED)
E DONOHO G/AU
L12 62 S E3
L13 132 S E3-E9
E TURNER C A/AU
L14 241 S E3-E9
E NEHLS M C/AU
L15 164 S E3-E8
E FRIEDRICH G/AU
L16 830 S E3
E ZAMBROWICZ B/AU
L17 260 S E3-E9
E SANDS A T/AU
L18 120 S E3
L19 1183 S L12 OR L14 OR L16 OR L18
L20 4 S L10 AND L19
L21 4 DUP REM L20 (0 DUPLICATES REMOVED)

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NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
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NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and

right truncation
 NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
 NEWS 43 Jun 06 PASCAL enhanced with additional data
 NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available
 NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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=> s kinase?

L1 1090404 KINASE?

=> s human and l1

5 FILES SEARCHED...

L2 381469 HUMAN AND L1

=> s clon? or express? or recombinant

3 FILES SEARCHED...

L3 6012364 CLON? OR EXPRESS? OR RECOMBINANT

=> s l2 and l3

L4 183416 L2 AND L3

=> s human (a) l4

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'HUMAN (A) L28'

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'HUMAN (A) L29'

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SEARCH ENDED BY USER

=> s human (a)l1

3 FILES SEARCHED...

L5 1344 HUMAN (A) L1

=> s l3 and l5

L6 895 L3 AND L5

=> s brain or trachea or kidne? or testis

L7 4162498 BRAIN OR TRACHEA OR KIDNE? OR TESTIS

=> s prostate or spinal(a)chord or spleen? or adrenal

L8 1127703 PROSTATE OR SPINAL(A) CHORD OR SPLEEN? OR ADRENAL

=> s l7 or l8

5 FILES SEARCHED...

L9 5087432 L7 OR L8

=> s l6 and l9

L10 240 L6 AND L9

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 194 DUP REM L10 (46 DUPLICATES REMOVED)

=> d 1-194 ibib

L11 ANSWER 1 OF 194 HCAPLUS COPYRIGHT 2003 ACS DUPLICATE 1

ACCESSION NUMBER: 2003:409169 HCAPLUS

DOCUMENT NUMBER: 138:380506

TITLE: Genes that are differentially expressed during
erythropoiesis and their diagnostic and therapeutic
uses

INVENTOR(S): Brissette, William H.; Neote, Kuldeep S.; Zagouras,
Panayiotis; Zenke, Martin; Lemke, Britt; Hacker,
Christine

PATENT ASSIGNEE(S): Pfizer Products Inc., USA; Max-Delbruck-Centre for
Molecular Medicine

SOURCE: PCT Int. Appl., 285 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003038130	A2	20030508	WO 2002-US34888	20021031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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PRIORITY APPLN. INFO.: US 2001-335048P P 20011031
US 2001-335183P P 20011102
WO 2002-US34888 A 20021031

L11 ANSWER 2 OF 194 HCAPLUS COPYRIGHT 2003 ACS DUPLICATE 2
ACCESSION NUMBER: 2003:187091 HCAPLUS
DOCUMENT NUMBER: 138:219713
TITLE: Differentially expressed gene expression profiles in human glomerular diseases
INVENTOR(S): Munger, William E.; Falk, Ronald; Sun, Hongwei; Sasai, Hitoshi; Waga, Iwao; Yamamoto, Jun
PATENT ASSIGNEE(S): Gene Logic, Inc., USA; University of North Carolina At Chapel Hill
SOURCE: PCT Int. Appl., 781 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016476	A2	20030227	WO 2002-XH25766	20020814
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,			

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
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 RU, TJ, TM
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 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

US 2003096782 A1 20030522 US 2002-241368 20020911
 PRIORITY APPLN. INFO.: US 2001-318854P P 20010911
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2003:97550 HCAPLUS
 DOCUMENT NUMBER: 138:164674
 TITLE: Molecular markers for hepatocellular carcinoma and
 their use in diagnosis and therapy
 INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan
 PATENT ASSIGNEE(S): Germany
 SOURCE: PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010336	A2	20030206	WO 2002-EP8305	20020725
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

DE 10136273 A1 20030213 DE 2001-10136273 20010725
 PRIORITY APPLN. INFO.: DE 2001-10136273 A 20010725

L11 ANSWER 6 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2003:76927 HCAPLUS
 DOCUMENT NUMBER: 138:148728
 TITLE: Human cDNAs for Elk-1 phosphorylation MAP kinase
 cascade-activating proteins and diagnostic and
 therapeutic uses
 INVENTOR(S): Matsuzaki, Osamu; Matsuda, Akio; Nagano, Yukiko;
 Suzuki, Naomi
 PATENT ASSIGNEE(S): Asahi Kasei Kabushiki Kaisha, Japan
 SOURCE: PCT Int. Appl., 764 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2003008589 A1 20030130 WO 2002-JP7174 20020715
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG
US 2003092037 A1 20030515 US 2002-197666 20020718
PRIORITY APPLN. INFO.: JP 2001-218204 A 20010718
JP 2001-263450 A 20010831
JP 2002-12176 A 20020121
US 2001-305884P P 20010718
US 2001-316304P P 20010904
US 2002-350027P P 20020123
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 7 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:58211 HCAPLUS
DOCUMENT NUMBER: 138:119115
TITLE: Human glypican genes and proteins in insulin receptor
family receptor tyrosine kinase and cyclin-dependent
kinase inhibitor p21 pathways and methods of cancer
diagnosis and treatment
INVENTOR(S): Friedman, Lori; Plowman, Gregory D.; Kadyk, Lisa C.;
Li, Danxi; Funke, Roel P.
PATENT ASSIGNEE(S): Exelixis, Inc., USA
SOURCE: PCT Int. Appl., 83 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003006611	A2	20030123	WO 2002-US21694	20020710
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2001-305016P	P 20010712
			US 2001-328507P	P 20011010

L11 ANSWER 8 OF 194 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2003:257340 BIOSIS
DOCUMENT NUMBER: PREV200300257340
TITLE: SKIP3, a novel Drosophila tribbles ortholog, is
overexpressed in human tumors and is regulated by hypoxia.
AUTHOR(S): Bowers, Alex J.; Scully, Sheila; Boylan, John F. (1)

CORPORATE SOURCE: (1) Department of Cancer Biology, Amgen Inc., One Amgen
Center Drive, Thousand Oaks, CA, 91320, USA:
jboylan@amgen.com USA
SOURCE: Oncogene, (8 May 2003) Vol. 22, No. 18, pp. 2823-2835.
print.
ISSN: 0950-9232.
DOCUMENT TYPE: Article
LANGUAGE: English

L11 ANSWER 9 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:246764 HCAPLUS
DOCUMENT NUMBER: 138:383144
TITLE: Human melanoma TrkC: Its association with a
purine-analog-sensitive kinase activity
AUTHOR(S): Marchetti, Dario; Murry, Brian; Galjour, Jennifer;
Wilke-Greiter, Andrea
CORPORATE SOURCE: Department of Comparative Biomedical Sciences, SVM,
Louisiana State University at Baton Rouge, Baton
Rouge, LA, 70803, USA
SOURCE: Journal of Cellular Biochemistry (2003), 88(5),
865-872
CODEN: JCEBD5; ISSN: 0730-2312
PUBLISHER: Wiley-Liss, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 10 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:981604 HCAPLUS
TITLE: Identification of residues which regulate activity of
the STE20-related kinase hMINK
AUTHOR(S): Lim, Jaeseung; Lennard, Andrew; Sheppard, Paul W.;
Kellie, Stuart
CORPORATE SOURCE: Yamanouchi Research Institute, Oxford, OX4 4SX, UK
SOURCE: Biochemical and Biophysical Research Communications
(2003), 300(3), 694-698
CODEN: BBRCA9; ISSN: 0006-291X
PUBLISHER: Elsevier Science
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 11 OF 194 SCISEARCH COPYRIGHT 2003 THOMSON ISI
ACCESSION NUMBER: 2003:454226 SCISEARCH
THE GENUINE ARTICLE: 681WY
TITLE: High-sensitivity C-reactive protein and left ventricular
remodeling in patients with acute myocardial infarction
AUTHOR: Uehara K; Nomura M (Reprint); Ozaki Y; Fujinaga H; Ikefuji
H; Kimura M; Chikamori K; Nakaya Y; Ito S
CORPORATE SOURCE: Univ Tokushima, Sch Med, Dept Digest & Cardiovasc Mol,
Tokushima 7708503, Japan (Reprint); Kochi Red Cross Hosp,
Dept Internal Med, Kochi, Japan; Univ Tokushima, Sch Med,
Dept Nutr, Tokushima 770, Japan
COUNTRY OF AUTHOR: Japan
SOURCE: HEART AND VESSELS, (MAY 2003) Vol. 18, No. 2, pp. 67-74.
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY
10010 USA.
ISSN: 0910-8327.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English

REFERENCE COUNT:

35

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L11 ANSWER 12 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-01882 BIOTECHDS
TITLE: New peptides related to serine/threonine protein kinase subfamily, useful for treating disorders associated with abnormal **expression** of kinase in **prostate**, lungs and **brain**, in drug screening assays and pharmacogenomic analysis;
recombinant protein production and sense and antisense sequence use in gene therapy
AUTHOR: BEASLEY E M; YE J; YAN C; KETCHUM K A; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002059288 1 Aug 2002
APPLICATION INFO: WO 2002-US930 15 Jan 2002
PRIORITY INFO: US 2001-819607 29 Mar 2001; US 2001-263162 23 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-599781 [64]

L11 ANSWER 13 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-09273 BIOTECHDS
TITLE: New isolated MLK7 polynucleotide and polypeptide, useful for the diagnosis or treatment of disorders with aberrant **expression** or activity of the MLK7 polypeptide, such as cancer, neurodegenerative disorders and inflammation; plasmid pcDNA6-V5His or virus vector-mediated gene transfer and **expression** in bacterium; yeast, insect or mammal cell for **recombinant** protein production for use in disease diagnosis and therapy
AUTHOR: ANGELES T S; DURKIN J T; HOLSKIN B P; MEYER S L; SPAIS C M
PATENT ASSIGNEE: CEPHALON INC
PATENT INFO: WO 2002095017 28 Nov 2002
APPLICATION INFO: WO 2002-US16387 23 May 2002
PRIORITY INFO: US 2001-293381 24 May 2001; US 2001-293381 24 May 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-148466 [14]

L11 ANSWER 14 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-06755 BIOTECHDS
TITLE: New peptides related to calcium/calmodulin-dependent protein kinase subfamily useful for treating disorders associated with abnormal **expression** of kinase in fetal **brain, testis**, lung small cell carcinoma, uterus adenocarcinoma;
vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in drug screening, gene therapy and pharmacogenetics
AUTHOR: SHAO W; MERKULOV G V; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY; BEASLEY E M
PATENT INFO: WO 2002079431 10 Oct 2002
APPLICATION INFO: WO 2002-US9744 1 Apr 2002
PRIORITY INFO: US 2001-820790 30 Mar 2001; US 2001-820790 30 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-046806 [04]

L11 ANSWER 15 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-06722 BIOTECHDS
TITLE: New peptides related to P2X-like purigenic receptor

subfamily, useful for treating disorders associated with abnormal **expression** of protease in anaplastic oligodendroglioma, leukemia, carcinoid lung, or large cell lung carcinoma;

recombinant protein production, transgenic animal and drug screening useful for gene therapy, functional genomics and pharmacogenomics analysis

AUTHOR: WEI M; GONG F; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002079229 10 Oct 2002
APPLICATION INFO: WO 2002-US9545 28 Mar 2002
PRIORITY INFO: US 2001-820095 29 Mar 2001; US 2001-820095 29 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-040648 [03]

L11 ANSWER 16 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-06598 BIOTECHDS

TITLE: New **human kinase** protein, useful for treating or diagnosing disorders associated with an absence of, inappropriate, or unwanted **expression** of the protein, e.g. inflammation or cancer, in drug screening assays and pharmacogenomics;
recombinant enzyme protein production via plasmid **expression** in host cell use in disease gene therapy

AUTHOR: GAN W; YE J; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002077191 3 Oct 2002
APPLICATION INFO: WO 2002-US9325 27 Mar 2002
PRIORITY INFO: US 2001-3295 6 Dec 2001; US 2001-817180 27 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-029927 [02]

L11 ANSWER 17 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-03168 BIOTECHDS

TITLE: New human EGF-module-containing mucin-like hormone receptor 1 (EMR1) peptides and nucleic acid molecules useful for treating disorders associated with abnormal **expression** of EMR1 in **kidney** tumors, **brain** glioblastomas, leukocytes;
human **recombinant** protein production, DNA chip and transgenic animal useful for disease gene therapy, tissue typing and pharmacogenomics

AUTHOR: GONG F; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002066644 29 Aug 2002
APPLICATION INFO: WO 2002-US2627 31 Jan 2002
PRIORITY INFO: US 2001-784317 16 Feb 2001; US 2001-784317 16 Feb 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-674943 [72]

L11 ANSWER 18 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-01912 BIOTECHDS

TITLE: New **human kinase** peptide and nucleic acid molecule, useful for treating disorders associated with abnormal **expression** of kinase protein, e.g. adenocarcinoma of uterus or lung, in drug screening assays and pharmacogenomic analysis;
vector-mediated **recombinant** protein gene

transfer and **expression** in host cell for use in
drug screening, pharmacogenetics and gene therapy
AUTHOR: YAN C; KETCHUM K; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002061060 8 Aug 2002
APPLICATION INFO: WO 2002-US1106 17 Jan 2002
PRIORITY INFO: US 2001-801861 9 Mar 2001; US 2001-265151 31 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-608515 [65]

L11 ANSWER 19 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-00711 BIOTECHDS
TITLE: Isolated human SNF-kinase polynucleotides, useful for
preventing, diagnosing and treating e.g. cancer,
inflammation, immune disorders and disorders affecting growth
and development;

recombinant enzyme protein production and sense
and antisense sequence use in disease therapy and gene
therapy

AUTHOR: GUEGLER K; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6410294 25 Jun 2002
APPLICATION INFO: US 2000-734673 13 Dec 2000
PRIORITY INFO: US 2000-734673 13 Dec 2000; US 2000-734673 13 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-588889 [63]

L11 ANSWER 20 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2002-17807 BIOTECHDS
TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent
protein kinases, useful for preventing diagnosing and
treating e.g. cancers, psoriasis and inflammation;

recombinant protein production by
vector-mediated gene transfer and **expression** in
host cell, useful for gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6387677 14 May 2002
APPLICATION INFO: US 2001-800960 8 Mar 2001
PRIORITY INFO: US 2001-800960 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-478444 [51]

L11 ANSWER 21 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:575249 HCAPLUS
DOCUMENT NUMBER: 137:136141
TITLE: Human protein kinase, its cDNA and protein sequences,
and use thereof
INVENTOR(S): Yu, Xuanchuan; Miranda, Maricar; Friddle, Carl Johan
PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002059325 A2 20020801 WO 2001-US50497 20011220
 WO 2002059325 A3 20030320
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2002123622 A1 20020905 US 2001-28946 20011220
 PRIORITY APPLN. INFO.: US 2000-258335P P 20001227

L11 ANSWER 22 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:555634 HCAPLUS
 DOCUMENT NUMBER: 137:120707
 TITLE: Protein, gene and cDNA sequences of a novel
human kinase protein related to
 receptor tyrosine kinase and their uses in drug
 screening
 INVENTOR(S): Guegler, Karl; Webster, Marion; Di Francesco,
 Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): PE Corporation, USA
 SOURCE: PCT Int. Appl., 346 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002057432	A2	20020725	WO 2002-US112	20020102
WO 2002057432	A3	20030424		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 PRIORITY APPLN. INFO.: US 2001-751389 A 20010102

L11 ANSWER 23 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:408781 HCAPLUS
 DOCUMENT NUMBER: 137:2411
 TITLE: Protein and cDNA sequences of **human**
kinase sequence homologs
 INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Mathur, Brian;
 Turner, C. Alexander, Jr.
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 43 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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 WO 2002042438 A2 20020530 WO 2001-US43825 20011119
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2002028633 A5 20020603 AU 2002-28633 20011119
 US 2002110908 A1 20020815 US 2001-992481 20011119
 PRIORITY APPLN. INFO.: US 2000-252011P P 20001120
 WO 2001-US43825 W 20011119

L11 ANSWER 24 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:391912 HCAPLUS
 DOCUMENT NUMBER: 137:1836
 TITLE: Measurement of DNA methylation for analysis of the
 toxicology of substances
 INVENTOR(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt
 PATENT ASSIGNEE(S): Epigenomics Ag, Germany
 SOURCE: PCT Int. Appl., 113 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040710	A2	20020523	WO 2001-EP12951	20011108
WO 2002040710	A3	20030530		
W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
DE 10056802	A1	20020529	DE 2000-10056802	20001114
AU 2002023672	A5	20020527	AU 2002-23672	20011108
PRIORITY APPLN. INFO.:			DE 2000-10056802 A	20001114
			WO 2001-EP12951 W	20011108

L11 ANSWER 25 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:293825 HCAPLUS
 DOCUMENT NUMBER: 136:321268
 TITLE: Protein and cDNA sequences of **human**
kinase sequence homologs
 INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
PRIORITY APPLN. INFO.:			US 2000-239821P	P 20001012
			US 2001-975326	A1 20011011
			WO 2001-US32010	W 20011011

L11 ANSWER 26 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:276204 HCAPLUS

DOCUMENT NUMBER: 136:291021

TITLE: PDZ binding kinase as tumor marker and use in drug screening

INVENTOR(S): Jensen, David Erik; Goldsworthy, Susan McDonald; Mansfield, Traci Ann

PATENT ASSIGNEE(S): Glaxo Group Limited, UK; Curagen Corporation

SOURCE: PCT Int. Appl., 48 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002029104	A2	20020411	WO 2001-US30682	20011001
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001096448	A5	20020415	AU 2001-96448	20011001
PRIORITY APPLN. INFO.:			US 2000-237605P	P 20001003
			WO 2001-US30682	W 20011001

L11 ANSWER 27 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:240979 HCAPLUS

DOCUMENT NUMBER: 136:274331

TITLE: Protein, gene and cDNA sequences of human calcium/calmodulin-dependent protein kinase kinase sequence homolog and diagnostic and therapeutic uses thereof

INVENTOR(S): Beasley, Ellen M.; Wei, Ming-Hui; Bonazzi, Vivien R.; Sanders, Robert; Di Francesco, Valentina

PATENT ASSIGNEE(S): PE Corporation (NY), USA

SOURCE: PCT Int. Appl., 89 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024920	A2	20020328	WO 2001-US29161	20010919
WO 2002024920	A3	20030313		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002086391	A1	20020704	US 2000-729995	20001206
US 6426206	B1	20020730		
AU 2001092755	A5	20020402	AU 2001-92755	20010919
EP 1320613	A2	20030625	EP 2001-973147	20010919
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2002123121	A1	20020905	US 2002-135689	20020501
PRIORITY APPLN. INFO.:			US 2000-233493P	P 20000919
			US 2000-247031P	P 20001113
			US 2000-729995	A 20001206
			US 2000-247031	A 20001113
			WO 2001-US29161	W 20010919

L11 ANSWER 28 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:794225 HCAPLUS
DOCUMENT NUMBER: 137:305806
TITLE: Protein, gene and cDNA sequences of a novel human protein kinase related to MAP/microtubule affinity-regulating kinase (MARK) and their uses in drug screening
INVENTOR(S): Yan, Xianghe; Ketchum, Karen; Di Francesco, Valentina; Beasley, Ellen M.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 95 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002151020	A1	20021017	US 2001-835081	20010416
PRIORITY APPLN. INFO.:			US 2001-835081	20010416

L11 ANSWER 29 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:778604 HCAPLUS
DOCUMENT NUMBER: 137:293540
TITLE: Human 170kDa **prostate** specific antigen identified using monoclonal antibody against Xiphophorus fish melanoma marker, and related immunodetection and immunotherapy for **prostate**

INVENTOR(S): cancer and melanoma
 PATENT ASSIGNEE(S): Vielkind, Juergen R.
 SOURCE: Can.
 U.S. Pat. Appl. Publ., 25 pp., Cont.-in-part of U.S.
 Ser. No. 255,583.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 6
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002146702	A1	20021010	US 2001-854173	20010511
US 5605831	A	19970225	US 1992-829855	19920131
US 5719032	A	19980217	US 1996-654641	19960528
US 6057116	A	20000502	US 1997-869285	19970602
US 2001049058	A1	20011206	US 1999-255583	19990222
WO 2002092837	A2	20021121	WO 2002-US14905	20020510
WO 2002092837	C2	20030327		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, TM
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:
 US 1992-829855 A2 19920131
 US 1996-654641 A2 19960528
 US 1997-869285 A3 19970602
 US 1999-255583 A2 19990222
 JP 1998-40704 A 19980223
 US 2001-854173 A 20010511

L11 ANSWER 30 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:696559 HCAPLUS
 DOCUMENT NUMBER: 137:227754
 TITLE: Protein, gene and cDNA sequences of a novel
human kinase protein related to
 serine/threonine protein kinase and their uses in drug
 screening

INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina;
 Beasley, Ellen M.

PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 174 pp.
 CODEN: USXXCO

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
PRIORITY APPLN. INFO.:			US 2001-801876 A3	20010309

L11 ANSWER 31 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:674778 HCAPLUS

DOCUMENT NUMBER: 137:212032
 TITLE: Human G protein-coupled receptor kinase gene 69087, nuclear protein gene 15821, and protein kinase phosphatase gene 15418 and their uses
 INVENTOR(S): Kapeller-Libermann, Rosana; Bandaru, Rajasekhar
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 98 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002123464	A1	20020905	US 2001-44205	20011022
WO 2002095032	A2	20021128	WO 2001-US51623	20011022
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-241884P	P 20001019
			US 2000-241877P	P 20001020
			US 2000-242428P	P 20001023

L11 ANSWER 32 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:488124 HCAPLUS
 DOCUMENT NUMBER: 137:59517
 TITLE: Human AURORA-1 and AURORA-2 kinases, cDNA and amino acid sequences, and **recombinant** production
 INVENTOR(S): Plowman, Gregory; Mossie, Kevin
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S. Ser. No. 5,268, abandoned.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002081578	A1	20020627	US 1998-12135	19980122
CN 1205740	A	19990120	CN 1996-199101	19961125
US 5962312	A	19991005	US 1996-755728	19961125
CA 2318352	AA	19990729	CA 1999-2318352	19990121
WO 9937788	A2	19990729	WO 1999-US1283	19990121
WO 9937788	A3	19990930		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9925605	A1	19990809	AU 1999-25605	19990121

EP 1051500 A2 20001115 EP 1999-905450 19990121
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 JP 2002508937 T2 20020326 JP 2000-528695 19990121
 US 6207401 B1 20010327 US 1999-283011 19990331
 PRIORITY APPLN. INFO.:
 US 1995-8809P P 19951218
 US 1996-23943P P 19960814
 US 1996-755728 A2 19961125
 US 1998-5268 B2 19980109
 US 1998-12135 A 19980122
 WO 1999-US1283 W 19990121

L11 ANSWER 33 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:72748 HCAPLUS
 DOCUMENT NUMBER: 136:146104
 TITLE: Human stress genes identified using DNA microarrays
 INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.
 PATENT ASSIGNEE(S): Clontech, USA
 SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S.
 Ser. No. 441,920.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002009730	A1	20020124	US 2001-782909	20010213
PRIORITY APPLN. INFO.:			US 1998-222256	B2 19981228
			US 1999-440305	B2 19991117
			US 1999-441920	A2 19991117

L11 ANSWER 34 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2003:1236 HCAPLUS
 DOCUMENT NUMBER: 138:68934
 TITLE: Identification, genomic and cDNA sequences and
cloning of a human protein kinase N sequence
 homolog
 INVENTOR(S): Rusch, Douglas; Ketchum, Karen A.; Di Francesco,
 Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): Applera Corporation, USA
 SOURCE: U.S., 44 pp., Cont.-in-part of U. S. Ser. No. 773,371,
 abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6500655	B1	20021231	US 2001-849334	20010507
WO 2002061062	A2	20020808	WO 2002-US2152	20020129
WO 2002061062	A3	20030522		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,			
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,			
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,			
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,			
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,			
	UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,			
	TJ, TM			

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 WO 2002090525 A2 20021114 WO 2002-US7155 20020308
 WO 2002090525 A3 20030327
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2003049792 A1 20030313 US 2002-274878 20021022
 US 2001-773371 B2 20010201
 US 2001-849334 A 20010507

PRIORITY APPLN. INFO.:
 REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 35 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:941845 HCAPLUS
 DOCUMENT NUMBER: 138:21334
 TITLE: Protein, gene and cDNA sequences of a novel human
 protein kinase related to serine/threonine kinase and
 their uses in drug screening
 INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco,
 Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): PE Corporation (Ny), USA
 SOURCE: U.S., 107 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2001-984890 A 20011031
 REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 36 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2003:305167 HCAPLUS
 DOCUMENT NUMBER: 138:298879
 TITLE: Human 12.54-kDa serine/threonine protein kinase like
 protein and its cDNA and therapeutic use
 INVENTOR(S): Mao, Yumin; Xie, Yi
 PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep.

SOURCE: China
Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1358851	A	20020717	CN 2000-127893	20001213
PRIORITY APPLN. INFO.:			CN 2000-127893	20001213

L11 ANSWER 37 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:305166 HCAPLUS
DOCUMENT NUMBER: 138:298878
TITLE: Human 17.6-kDa phosphatidylinositol 3 kinase like protein and its cDNA and therapeutic use
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 33 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1358850	A	20020717	CN 2000-127880	20001213
PRIORITY APPLN. INFO.:			CN 2000-127880	20001213

L11 ANSWER 38 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:286608 HCAPLUS
DOCUMENT NUMBER: 138:282395
TITLE: Human 75.90-kDa myotonic dystrophy protein kinase like protein and its cDNA and therapeutic use
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 35 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1352281	A	20020605	CN 2000-127415	20001110
PRIORITY APPLN. INFO.:			CN 2000-127415	20001110

L11 ANSWER 39 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:155959 HCAPLUS
DOCUMENT NUMBER: 138:164837
TITLE: Human 9.9-kDa thymidine kinase like protein and its cDNA and therapeutic use
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Biowindow Gene Development, Inc., Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 32 pp.

CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1345950	A	20020424	CN 2000-125322	20000922
PRIORITY APPLN. INFO.:			CN 2000-125322	20000922

L11 ANSWER 40 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:732013 HCAPLUS
DOCUMENT NUMBER: 138:1084
TITLE: Human serine/threonine protein kinase-like protein,
protein and cDNA sequences, **recombinant**
production and therapeutic uses
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep.
China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 38 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329157	A	20020102	CN 2000-116663	20000621
PRIORITY APPLN. INFO.:			CN 2000-116663	20000621

L11 ANSWER 41 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:896120 HCAPLUS
DOCUMENT NUMBER: 138:198918
TITLE: Human epidermal growth factor receptor-1
expression renders chinese hamster ovary cells
sensitive to alternative aldosterone signaling
AUTHOR(S): Krug, Alexander W.; Schuster, Claudia; Gassner,
Birgit; Freudinger, Ruth; Mildemberger, Sigrid;
Troppmair, Jakob; Gekle, Michael
CORPORATE SOURCE: Physiologisches Institut and the Institut fuer
Medizinische Strahlenkunde und Zellforschung,
Universitaet Wuerzburg, Wuerzburg, 97070, Germany
SOURCE: Journal of Biological Chemistry (2002), 277(48),
45892-45897
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 42 OF 194 MEDLINE DUPLICATE 4
ACCESSION NUMBER: 2002485451 MEDLINE
DOCUMENT NUMBER: 22217966 PubMed ID: 12084720
TITLE: Identification of human male germ cell-associated kinase, a
kinase transcriptionally activated by androgen in
prostate cancer cells.
AUTHOR: Xia Liang; Robinson Dan; Ma Ai-Hong; Chen Hua-Chien; Wu
Frederick; Qiu Yun; Kung Hsing-Jien

CORPORATE SOURCE: Department of Biological Chemistry, School of Medicine,
University of California, Davis, California 95616, USA.

CONTRACT NUMBER: CA39207 (NCI)
CA57179 (NCI)
CA82073 (NCI)
DK52659 (NIDDK)

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Sep 20) 277 (38)
35422-33.
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-AF505623

ENTRY MONTH: 200210

ENTRY DATE: Entered STN: 20020926
Last Updated on STN: 20030105
Entered Medline: 20021024

L11 ANSWER 43 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:677975 HCAPLUS

DOCUMENT NUMBER: 137:365377

TITLE: The synthesis of inositol hexakisphosphate.
Characterization of human inositol
1,3,4,5,6-pentakisphosphate 2-kinase

AUTHOR(S): Verbsky, John W.; Wilson, Monita P.; Kisseleva, Marina
V.; Majerus, Philip W.; Wente, Susan R.

CORPORATE SOURCE: Department of Internal Medicine, Washington University
School of Medicine, St. Louis, MO, 63110, USA

SOURCE: Journal of Biological Chemistry (2002), 277(35),
31857-31862
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular
Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 44 OF 194 MEDLINE DUPLICATE 5

ACCESSION NUMBER: 2002347257 MEDLINE

DOCUMENT NUMBER: 22075121 PubMed ID: 11956206

TITLE: Ceramide kinase, a novel lipid kinase. Molecular
cloning and functional characterization.

AUTHOR: Sugiura Masako; Kono Keita; Liu Hong; Shimizugawa Tetsuya;
Minekura Hiroyuki; Spiegel Sarah; Kohama Takafumi

CORPORATE SOURCE: Pharmacology and Molecular Biology Research Laboratories,
Sankyo Co., Ltd., Tokyo 140-8710, Japan.

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jun 28) 277 (26)
23294-300.
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-AB079066; GENBANK-AB079067

ENTRY MONTH: 200208

ENTRY DATE: Entered STN: 20020702
Last Updated on STN: 20030105
Entered Medline: 20020806

L11 ANSWER 45 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:404409 HCAPLUS
DOCUMENT NUMBER: 137:152764
TITLE: Alternative splice variants of doublecortin-like kinase are differentially **expressed** and have different kinase activities
AUTHOR(S): Burgess, Harold A.; Reiner, Orly
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute of Science, Rehovot, 76100, Israel
SOURCE: Journal of Biological Chemistry (2002), 277(20), 17696-17705
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 46 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:351432 HCAPLUS
DOCUMENT NUMBER: 137:181467
TITLE: MRK, a mixed lineage kinase-related molecule that plays a role in .gamma.-radiation-induced cell cycle arrest
AUTHOR(S): Gross, Eleanore A.; Callow, Marinella G.; Waldbaum, Linda; Thomas, Suzanne; Ruggieri, Rosamaria
CORPORATE SOURCE: Picower Institute for Medical Research, Manhasset, NY, 11030, USA
SOURCE: Journal of Biological Chemistry (2002), 277(16), 13873-13882
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 47 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:469408 HCAPLUS
DOCUMENT NUMBER: 137:290746
TITLE: **Cloning** and characterization of PAK5, a novel member of mammalian p21-activated kinase-II subfamily that is predominantly **expressed** in **brain**
AUTHOR(S): Pandey, Akhilesh; Dan, Ippeita; Kristiansen, Troels Z.; Watanabe, Norinobu M.; Voldby, Jesper; Kajikawa, Eriko; Khosravi-Far, Roya; Blagoev, Blagoy; Mann, Matthias
CORPORATE SOURCE: Center for Experimental Bioinformatics, University of Southern Denmark, Odense M, DK-5230, Den.
SOURCE: Oncogene (2002), 21(24), 3939-3948
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Nature Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 48 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:708445 HCAPLUS
DOCUMENT NUMBER: 138:54322

TITLE: Human Platelets Stimulate Mesangial Cells to Produce Monocyte Chemoattractant Protein-1 via the CD40/CD40 Ligand Pathway and May Amplify Glomerular Injury
 AUTHOR(S): Tanaka, Takaharu; Kuroiwa, Takashi; Ikeuchi, Hidekazu; Ota, Fumie; Kaneko, Yoriaki; Ueki, Kazue; Tsukada, Yoshito; McInnes, Iain B.; Boumpas, Dimitrios T.; Nojima, Yoshihisa
 CORPORATE SOURCE: Third Department of Internal Medicine, Gunma University School of Medicine, Maebashi, Japan
 SOURCE: Journal of the American Society of Nephrology (2002), 13(10), 2488-2496
 CODEN: JASNEU; ISSN: 1046-6673
 PUBLISHER: Lippincott Williams & Wilkins
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 49 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:73638 HCAPLUS
 DOCUMENT NUMBER: 136:395907
 TITLE: Down-Regulation of Mcl-1 by Inhibition of the PI3-K/Akt Pathway Is Required for Cell Shrinkage-Dependent Cell Death
 AUTHOR(S): Araki, Takashi; Hayashi, Matsuhiko; Watanabe, Naohide; Kanuka, Hirotaka; Yoshino, Jun; Miura, Masayuki; Saruta, Takao
 CORPORATE SOURCE: Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan
 SOURCE: Biochemical and Biophysical Research Communications (2002), 290(4), 1275-1281
 CODEN: BBRCA9; ISSN: 0006-291X
 PUBLISHER: Academic Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 50 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:177948 HCAPLUS
 DOCUMENT NUMBER: 137:74937
 TITLE: Phosphorylation of a novel zinc-finger-like protein, ZPR9, by murine protein serine/threonine kinase 38 (MPK38)
 AUTHOR(S): Seong, Hyun-A.; Gil, Minchan; Kim, Kyong-Tai; Kim, Sung-Jin; Ha, Hyunjung
 CORPORATE SOURCE: Department of Biochemistry, School of Life Sciences, Research Center for Bioresource and Health, Chungbuk National University, Chungbuk, 361-763, S. Korea
 SOURCE: Biochemical Journal (2002), 361(3), 597-604
 CODEN: BIJOAK; ISSN: 0264-6021
 PUBLISHER: Portland Press Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 51 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:725482 HCAPLUS
 DOCUMENT NUMBER: 138:69654
 TITLE: **Expression** and characterization of a human cDNA that complements the temperature-sensitive defect

in dolichol kinase activity in the yeast sec59-1 mutant: the enzymatic phosphorylation of dolichol and diacylglycerol are catalyzed by separate CTP-mediated kinase activities in *Saccharomyces cerevisiae*
 AUTHOR(S): Fernandez, Fabiana; Shridas, Preetha; Jiang, Songmin; Aebi, Markus; Waechter, Charles J.
 CORPORATE SOURCE: ETH Zentrum, Institut fur Mikrobiologie, Zurich, CH-8092, Switz.
 SOURCE: Glycobiology (2002), 12(9), 555-562
 CODEN: GLYCE3; ISSN: 0959-6658
 PUBLISHER: Oxford University Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 52 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:333656 HCAPLUS
 DOCUMENT NUMBER: 137:245169
 TITLE: Human Speedy: a novel cell cycle regulator that enhances proliferation through activation of Cdk2
 AUTHOR(S): Porter, Lisa A.; Dellinger, Ryan W.; Tynan, John A.; Barnes, Elizabeth A.; Kong, Monica; Lenormand, Jean-Luc; Donoghue, Daniel J.
 CORPORATE SOURCE: Department of Chemistry and Biochemistry, University of California San Diego, La Jolla, CA, 92093, USA
 SOURCE: Journal of Cell Biology (2002), 157(3), 357-366
 CODEN: JCLBA3; ISSN: 0021-9525
 PUBLISHER: Rockefeller University Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 53 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:416564 HCAPLUS
 DOCUMENT NUMBER: 137:245026
 TITLE: Identification and characterization of Nek6 protein kinase, a potential human homolog of NIMA histone H3 kinase
 AUTHOR(S): Iizuka, Atsuhiko
 CORPORATE SOURCE: Dep. Urol., Nagoya City Univ. Med. Sch., Nagoya, Japan
 SOURCE: Nagoya-shiritsu Daigaku Igakkai Zasshi (2002), 53(1), 133-141
 CODEN: NASDA6; ISSN: 0027-7606
 PUBLISHER: Nagoya-shiritsu Daigaku Igakkai
 DOCUMENT TYPE: Journal
 LANGUAGE: Japanese

L11 ANSWER 54 OF 194 MEDLINE DUPLICATE 6
 ACCESSION NUMBER: 2002359354 MEDLINE
 DOCUMENT NUMBER: 22097604 PubMed ID: 12103360
 TITLE: The identification and subcellular localization of human MRK.
 AUTHOR: Yang Tao; Jiang Yunai; Chen Jiangye
 CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China.
 SOURCE: BIOMOLECULAR ENGINEERING, (2002 Jun) 19 (1) 1-4.
 Journal code: 100928062. ISSN: 1389-0344.
 PUB. COUNTRY: Netherlands
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20020710
Last Updated on STN: 20021228
Entered Medline: 20021227

L11 ANSWER 55 OF 194 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:74113 BIOSIS
DOCUMENT NUMBER: PREV200200074113
TITLE: Cell volume-regulated **human kinase**
h-sgk.
AUTHOR(S): Lang, Florian (1); Waldegger, Siegfried
CORPORATE SOURCE: (1) Im Rotbad 52, 72076 Tübingen Germany
PATENT INFORMATION: US 6326181 December 04, 2001
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Dec. 4, 2001) Vol. 1253, No. 1, pp. No
Pageination. ftp://ftp.uspto.gov/pub/patdata/. e-file.
ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English

L11 ANSWER 56 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2002-12233 BIOTECHDS
TITLE: New **recombinant**, modified adenovirus vectors for
regulating transgene **expression** in tumor cells,
useful in gene therapy, particularly for treating cancers,
e.g. cervical, lung, liver or breast;
adeno virus vector-mediated gene transfer and
expression in cancer cell for **recombinant**
protein production and cancer gene therapy
AUTHOR: LIEBER A; STEINWAERDER D S; CARLSON C A; MI J
PATENT ASSIGNEE: UNIV WASHINGTON
PATENT INFO: WO 2001083796 8 Nov 2001
APPLICATION INFO: WO 2000-US14428 3 May 2000
PRIORITY INFO: US 2000-202367 3 May 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-240307 [29]

L11 ANSWER 57 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:868653 HCAPLUS
DOCUMENT NUMBER: 136:15959
TITLE: Nucleic acid encoding a human serine/threonine protein
kinase and its screening and therapeutic uses
INVENTOR(S): Wei, Ming-hi; Zhu, Shiao ping; Woodage, Trevor; Di
Francesco, Valentina; Beasley, Ellen M.
PATENT ASSIGNEE(S): Applera Corporation, USA
SOURCE: PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524
WO 2001090328	A3	20020718		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 6482935 B1 20021119 US 2000-691861 20001018
 EP 1290185 A2 20030312 EP 2001-937689 20010524
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 US 2003022232 A1 20030130 US 2002-259740 20020930
 US 2000-206550P P 20000524
 US 2000-691861 A 20001018
 WO 2001-US16760 W 20010524
 PRIORITY APPLN. INFO.:

L11 ANSWER 58 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:851353 HCAPLUS
 DOCUMENT NUMBER: 136:2248
 TITLE: Human and mouse neuronal serine-threonine protein
 kinases and cDNAs and methods for diagnosis and
 treatment of neurological diseases and cancer
 INVENTOR(S): Schneider, Armin; Klaussner, Bettina; Fischer, Achim;
 Newrzella, Dieter; Goetz, Bernhard; Rossner, Moritz;
 Eisenhardt, Gisela; Kuner, Rohini; Trutzel, Annette;
 Kammandel, Birgitta; Jomana, Naim Stephanie;
 Schwaninger, Markus
 PATENT ASSIGNEE(S): Basf-Lynx Bioscience A.-G., Germany
 SOURCE: PCT Int. Appl., 75 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088108	A1	20011122	WO 2001-EP5660	20010517
W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
DE 10024171	A1	20011220	DE 2000-10024171	20000517
EP 1282700	A1	20030212	EP 2001-936370	20010517
R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
PRIORITY APPLN. INFO.:			DE 2000-10024171 A	20000517
			WO 2001-EP5660	W 20010517
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 59 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:833383 HCAPLUS
 DOCUMENT NUMBER: 135:370639
 TITLE: Human IgM antibodies with the capability of inducing
 remyelination, and diagnostic and therapeutic uses
 thereof particularly in the central nervous system
 INVENTOR(S): Rodriguez, Moses; Miller, David J.; Pease, Larry R.

PATENT ASSIGNEE(S): Mayo Foundation for Medical Education + Research, USA
 SOURCE: PCT Int. Appl., 219 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001085797	A1	20011115	WO 2000-US14902	20000530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1294770	A1	20030326	EP 2000-948498	20000530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRIORITY APPLN. INFO.:			US 2000-568351	A2 20000510
			WO 2000-US14902	W 20000530
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 60 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:763200 HCAPLUS
 DOCUMENT NUMBER: 135:328144
 TITLE: Novel human protein and cDNA sequences of kinases and its therapeutic use
 INVENTOR(S): Plowman, Gregory; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Caenepeel, Sean
 PATENT ASSIGNEE(S): Sugen, Inc., USA
 SOURCE: PCT Int. Appl., 167 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077338	A2	20011018	WO 2001-US11675	20010410
WO 2001077338	A3	20020829		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1278859	A2	20030129	EP 2001-924901	20010410
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			US 2000-195953P	P 20000410
			US 2000-201015P	P 20000501
			US 2000-213805P	P 20000622

L11 ANSWER 61 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:693508 HCAPLUS
 DOCUMENT NUMBER: 135:269286
 TITLE: Human protein kinase Akt3 and cDNAs encoding it and
 the use of the enzyme in treatment of hypoxia,
 apoptosis or necrosis
 INVENTOR(S): Guo, Kun; Pagnoni, Marco F.; Clark, Kenneth L.;
 Ivashchenko, Yuri D.
 PATENT ASSIGNEE(S): Aventis Pharmaceuticals Products Inc., USA
 SOURCE: PCT Int. Appl., 73 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068850	A2	20010920	WO 2001-US7663	20010309
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2003100049	A1	20030529	US 2000-526043	20000314
PRIORITY APPLN. INFO.:			US 2000-526043	A 20000314
			US 1999-125108P	P 19990319

L11 ANSWER 62 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:693484 HCAPLUS
 DOCUMENT NUMBER: 135:269296
 TITLE: **Cloning**, sequence and diagnostic and
 therapeutic applications of human NIM1 kinase
 INVENTOR(S): Bandman, Olga; Magnaghi, Paola; Bosotti, Roberta;
 Scacheri, Emanuela; Isacchi, Antonella; Hodgson, David
 M.
 PATENT ASSIGNEE(S): Incyte Pharmaceuticals, Inc., USA; Molteni, Angela
 SOURCE: PCT Int. Appl., 80 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068825	A1	20010920	WO 2000-US7715	20000322
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

US 6458561 B1 20021001 US 2000-523849 20000313
EP 1274835 A1 20030115 EP 2000-923083 20000322
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY

PRIORITY APPLN. INFO.: US 2000-523849 A2 20000313
WO 2000-US7715 W 20000322
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 63 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:676960 HCAPLUS
DOCUMENT NUMBER: 135:237660
TITLE: Protein and cDNA sequences of novel **human kinase** interacting protein homologs and uses thereof in diagnosis, therapy and drug screening
INVENTOR(S): Mathur, Brian; Turner, C. Alexander, Jr.
PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066760	A2	20010913	WO 2001-US7499	20010308
WO 2001066760	A3	20020530		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002082406	A1	20020627	US 2001-802116	20010308
PRIORITY APPLN. INFO.:			US 2000-187719P P	20000308

L11 ANSWER 64 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:676815 HCAPLUS
DOCUMENT NUMBER: 135:253739
TITLE: **Cloning, sequencing, expression** and therapeutic applications of human protein kinases and protein kinase-like enzymes
INVENTOR(S): Plowman, Gregory D.; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo
PATENT ASSIGNEE(S): Sugan, Inc., USA
SOURCE: PCT Int. Appl., 200 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066594	A2	20010913	WO 2001-US6838	20010302
WO 2001066594	A3	20020510		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,			

JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
 MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
 TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
 MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1261636 A2 20021204 EP 2001-913283 20010302
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRIORITY APPLN. INFO.: US 2000-187150P P 20000306
 US 2000-193404P P 20000329
 US 2000-247013P P 20001113
 WO 2001-US6838 W 20010302

L11 ANSWER 65 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:618177 HCAPLUS
 DOCUMENT NUMBER: 135:191337
 TITLE: Protein and cDNA sequences of novel **human**
kinase homologs and uses thereof in diagnosis,
 therapy and drug screening
 INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; Turner, C.
 Alexander, Jr.; Zambrowicz, Brian
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			US 2000-183582P P 20000218	
			US 2000-184014P P 20000222	
			WO 2001-US5356 W 20010215	

L11 ANSWER 66 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:716749 HCAPLUS
 DOCUMENT NUMBER: 135:268336
 TITLE: Differentially expressed nucleic acids encoding
 tumor-associated proteins, kits, and methods for
 identification, assessment, prevention, and therapy of
 human prostate cancer
 INVENTOR(S): Schlegel, Robert; Endege, Wilson; Monahan, John E.
 PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA
 SOURCE: PCT Int. Appl., 975 pp.

DOCUMENT TYPE: CODEN: PIXXD2
LANGUAGE: Patent
PATENT INFORMATION: English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053836	A2	20010726	WO 2001-US2318	20010124
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR				
PRIORITY APPLN. INFO.:			US 2000-PV178525	20000124
			US 2000-PV183245	20000217
			US 2000-PV190139	20000316
			US 2000-PV208126	20000531
			US 2000-PV219705	20000718
			US 2000-PV255160	20001213

L11 ANSWER 67 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:545957 HCAPLUS
DOCUMENT NUMBER: 135:149140
TITLE: A novel steroid hormone receptor interacting p21-activated protein kinase of **prostate** with uses in the treatment of androgen-independent **prostate** cancer
INVENTOR(S): Balk, Steven
PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center, USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053793	A2	20010726	WO 2001-US1900	20010119
WO 2001053793	A3	20011220		
WO 2001053793	C2	20021031		
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
AU 2001041422	A5	20010731	AU 2001-41422	20010119
PRIORITY APPLN. INFO.:			US 2000-176859P	P 20000119
			WO 2001-US1900	W 20010119

L11 ANSWER 68 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:397023 HCAPLUS
DOCUMENT NUMBER: 135:30738
TITLE: Novel human protein kinases and protein kinase-like enzymes and their cDNA sequences
INVENTOR(S): Plowman, Gregory D.; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Flanagan, Peter; Clary, Douglas
PATENT ASSIGNEE(S): Sugan, Inc., USA
SOURCE: PCT Int. Appl., 433 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001038503	A2	20010531	WO 2000-US32085	20001122
WO 2001038503	A3	20020131		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1240194	A2	20020918	EP 2000-982200	20001122
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003514583	T2	20030422	JP 2001-540254	20001122
PRIORITY APPLN. INFO.:			US 1999-167482P	A1 19991124
			WO 2000-US32085	W 20001122

L11 ANSWER 69 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:338572 HCAPLUS
DOCUMENT NUMBER: 134:348996
TITLE: Bovine, human, and rat growth hormone secretagogue receptor ligand protein and uses in diagnosis and therapy
INVENTOR(S): Hinuma, Shuji; Kawamata, Yuji; Fukusumi, Shoji; Fujii, Ryo
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001032705	A1	20010510	WO 2000-JP7635	20001031
W:	AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
JP 2001190276	A2	20010717	JP 1999-358723	19991217
AU 2000079637	A5	20010514	AU 2000-79637	20001031
EP 1227105	A1	20020731	EP 2000-970212	20001031
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
PRIORITY APPLN. INFO.:			JP 1999-311632	A 19991101
			JP 1999-358723	A 19991217
			WO 2000-JP7635	W 20001031
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 70 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:320122 HCAPLUS
 DOCUMENT NUMBER: 134:337616
 TITLE: Human sphingosine kinase gene
 INVENTOR(S): Allen, Janet; Gosink, Mark; Melendez, Alirio J.;
 Takacs, Laszlo
 PATENT ASSIGNEE(S): Warner-Lambert Co., USA
 SOURCE: PCT Int. Appl., 91 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001031029	A2	20010503	WO 2000-EP9498	20001027
WO 2001031029	A3	20020228		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000015138	A	20020716	BR 2000-15138	20001027
EP 1228221	A2	20020807	EP 2000-971299	20001027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003512072	T2	20030402	JP 2001-533164	20001027
PRIORITY APPLN. INFO.: US 1999-162307P P 19991028				
US 2000-180525P P 20000207				
WO 2000-EP9498 W 20001027				

L11 ANSWER 71 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:863442 HCAPLUS
 DOCUMENT NUMBER: 136:2263
 TITLE: **Cloning**, sequence and drug screening use of a human tyrosine kinase
 INVENTOR(S): Ye, Jane; Ketchum, Karen A.; Di, Francesco Valentine; Beasley, Ellen M.
 PATENT ASSIGNEE(S): Pe Corporation (Ny), USA
 SOURCE: U.S., 39 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6323016	B1	20011127	US 2001-799345	20010306
US 2002025570	A1	20020228	US 2001-962276	20010926
WO 2002048328	A2	20020620	WO 2001-US30539	20010928
WO 2002048328	A3	20030227		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,				

PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 PRIORITY APPLN. INFO.: US 2000-210458P P 20000609
 US 2001-799345 A3 20010306
 US 2001-962276 A 20010926

L11 ANSWER 72 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:129871 HCAPLUS
 DOCUMENT NUMBER: 134:173022
 TITLE: Vectors for the diagnosis and treatment of solid
 tumors including melanoma
 INVENTOR(S): Pawelek, John M.; Bermudes, David; Low, Kenneth Brooks
 PATENT ASSIGNEE(S): Yale University, USA
 SOURCE: U.S., 84 pp., Cont.-in-part of U. S. Ser. No. 486,422,
 abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6190657	B1	20010220	US 1996-658034	19960604
CA 2224075	AA	19961219	CA 1996-2224075	19960605
WO 9640238	A1	19961219	WO 1996-US10250	19960605
W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, UZ, VN, AM, AZ, BY				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9663851	A1	19961230	AU 1996-63851	19960605
AU 719446	B2	20000511		
EP 833660	A1	19980408	EP 1996-923299	19960605
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1192694	A	19980909	CN 1996-196140	19960605
BR 9609016	A	19990706	BR 1996-9016	19960605
JP 2000514400	T2	20001031	JP 1997-502263	19960605
PRIORITY APPLN. INFO.: US 1995-486422 B2 19950607 US 1996-658034 A 19960604 WO 1996-US10250 W 19960605				
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L11 ANSWER 73 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:785791 HCAPLUS
 DOCUMENT NUMBER: 135:340193
 TITLE: Human gpl30 mutant gene knockin mouse with disrupted
 STAT3- and SHP2-mediated signaling cascades
 INVENTOR(S): Hirano, Toshio; Hibi, Masahiko; Ishihara, Katsuhiko;
 Otani, Takuya
 PATENT ASSIGNEE(S): Santen Pharmaceutical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 29 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001299142	A2	20011030	JP 2000-130685	20000428
PRIORITY APPLN. INFO.:			JP 2000-130685	20000428

L11 ANSWER 74 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:207982 HCAPLUS
DOCUMENT NUMBER: 134:232725
TITLE: Human genes and polynucleotides encoding novel c-Jun
N-terminal kinase kinases MLK4, PAK4, PAK5, and
YSK2 **expressed** in keratinocytes and uses
thereof
INVENTOR(S): Blumenberg, Miroslav; Gazel, Alix M.
PATENT ASSIGNEE(S): New York University, USA
SOURCE: Eur. Pat. Appl., 51 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1085093	A2	20010321	EP 2000-307866	20000912
EP 1085093	A3	20021030		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001157590	A2	20010612	JP 2000-284980	20000920
PRIORITY APPLN. INFO.:			US 1999-155029P	P 19990920

L11 ANSWER 75 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:106053 HCAPLUS
DOCUMENT NUMBER: 134:188984
TITLE: Human **expressed** sequence tags and primers
for synthesizing full-length cDNAs
INVENTOR(S): Ota, Toshio; Isogai, Takao; Nishikawa, Tetsuo;
Hayashi, Kohji; Saito, Kaoru; Yamamoto, Junichi;
Ishii, Shizuko; Sugiyama, Tomoyasu; Wakamatsu, Ai;
Nagai, Keiichi; Otsuki, Tetsuji
PATENT ASSIGNEE(S): Helix Research Institute, Japan
SOURCE: Eur. Pat. Appl., 2527 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 11
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1074617	A2	20010207	EP 2000-116126	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002171977	A2	20020618	JP 2000-196309	20000626
EP 1205549	A1	20020515	EP 2000-948282	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2002191363	A2	20020709	JP 2000-280990	20000728
PRIORITY APPLN. INFO.:			JP 1999-248036	A 19990729
			JP 1999-300253	A 19990827

JP 2000-118776 A 20000111
 JP 2000-183767 A 20000502
 JP 2000-241899 A 20000609
 US 1999-159590P P 19991018
 US 2000-183322P P 20000217
 WO 2000-JP5065 W 20000728

L11 ANSWER 76 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:709686 HCAPLUS
 DOCUMENT NUMBER: 137:211959
 TITLE: **Cloning**, protein and cDNA sequence of human
 protein kinase KID-1 and their uses in diagnosis and
 therapy
 INVENTOR(S): Yu, Long
 PATENT ASSIGNEE(S): Fudan Univ., Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 23 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1328134	A	20011226	CN 2001-105987	20010413
PRIORITY APPLN. INFO.:			CN 2001-105987	20010413

L11 ANSWER 77 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:421909 HCAPLUS
 DOCUMENT NUMBER: 136:397019
 TITLE: Human **testis** specific protein kinase gene
 coding protein
 INVENTOR(S): Shao, Jiahao; Zhou, Zuomin; Li, Jianmin
 PATENT ASSIGNEE(S): Nanjing Medical Univ., Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1319660	A	20011031	CN 2001-113510	20010411
PRIORITY APPLN. INFO.:			CN 2001-113510	20010411

L11 ANSWER 78 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:711043 HCAPLUS
 DOCUMENT NUMBER: 136:275290
 TITLE: WNK kinases, a novel protein kinase subfamily in
 multi-cellular organisms
 AUTHOR(S): Verissimo, Fatima; Jordan, Peter
 CORPORATE SOURCE: Centre for Human Genetics, National Institute of
 Health "Dr. Ricardo Jorge", Lisbon, 1649-016, Port.
 SOURCE: Oncogene (2001), 20(39), 5562-5569
 CODEN: ONCNES; ISSN: 0950-9232
 PUBLISHER: Nature Publishing Group
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 79 OF 194 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:498020 BIOSIS
DOCUMENT NUMBER: PREV200100498020
TITLE: Differential gene **expression** of V4 and V5 areas
in the visual cortices of human and macaque.
AUTHOR(S): Kim, K. H. (1); Bartels, A. (1); Zeki, S. (1)
CORPORATE SOURCE: (1) Wellcome Dept of Cognitive Neurology, University
College London, London UK
SOURCE: Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1,
pp. 754. print.
Meeting Info.: 31st Annual Meeting of the Society for
Neuroscience San Diego, California, USA November 10-15,
2001
ISSN: 0190-5295.
DOCUMENT TYPE: Conference
LANGUAGE: English
SUMMARY LANGUAGE: English

L11 ANSWER 80 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:591092 HCAPLUS
DOCUMENT NUMBER: 135:286825
TITLE: Amyloid .beta. proteins inhibit Cl--ATPase activity in
cultured rat hippocampal neurons
AUTHOR(S): Yagyu, K.; Kitagawa, K.; Irie, T.; Wu, B.; Zeng, X.
T.; Hattori, N.; Inagaki, C.
CORPORATE SOURCE: Department of Pharmacology, Kansai Medical University,
Osaka, 570-8506, Japan
SOURCE: Journal of Neurochemistry (2001), 78(3), 569-576
CODEN: JONRA9; ISSN: 0022-3042
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 81 OF 194 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 7
ACCESSION NUMBER: 2001:504233 BIOSIS
DOCUMENT NUMBER: PREV200100504233
TITLE: Isolation, **expression** analysis and chromosomal
mapping of a novel **human kinase** gene
MLK4.
AUTHOR(S): Kvasha, S. M.; Protopopov, A. I.; Zabarovsky, E. R.;
Rynditch, A. V.; Kashuba, V. I.
SOURCE: Biopolimery i Kletka, (July August, 2001) Vol. 17, No. 4,
pp. 302-307. print.
ISSN: 0233-7657.
DOCUMENT TYPE: Article
LANGUAGE: Ukrainian
SUMMARY LANGUAGE: English; Ukrainian; Russian

L11 ANSWER 82 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:368058 HCAPLUS
DOCUMENT NUMBER: 135:328609
TITLE: Novel type of signaling molecules: protein kinases
covalently linked with ion channels
AUTHOR(S): Ryazanova, L. V.; Pavur, K. S.; Petrov, A. N.;
Dorovkov, M. V.; Ryazanov, A. G.
CORPORATE SOURCE: Department of Pharmacology, Robert Wood Johnson
Medical School, University of Medicine and Dentistry
of New Jersey, Piscataway, NJ, 08854, USA
SOURCE: Molecular Biology (Moscow, Russian Federation, English

Language) (Translation of Molekulyarnaya Biologiya)
(2001), 35(2), 271-283
CODEN: MOLBBJ; ISSN: 0026-8933
PUBLISHER: MAIK Nauka/Interperiodica Publishing
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 83 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:356068 HCAPLUS
DOCUMENT NUMBER: 136:132505
TITLE: Human INCENP colocalizes with the Aurora-B/AIRK2
kinase on chromosomes and is overexpressed in tumour
cells
AUTHOR(S): Adams, Richard R.; Eckley, D. Mark; Vagnarelli, Paola;
Wheatley, Sally P.; Gerloff, Dietlind L.; Mackay,
Alastair M.; Svingen, Phyllis A.; Kaufmann, Scott H.;
Earnshaw, William C.
CORPORATE SOURCE: Institute of Cell and Molecular Biology, Wellcome
Trust Centre for Cell Biology, University of
Edinburgh, Edinburgh, EH9 3JR, UK
SOURCE: Chromosoma (2001), 110(2), 65-74
CODEN: CHROAU; ISSN: 0009-5915
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 84 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:95465 HCAPLUS
DOCUMENT NUMBER: 134:338934
TITLE: Human neuroblastomas with unfavorable biologies
express high levels of **brain**-derived
neurotrophic factor mRNA and a variety of its variants
AUTHOR(S): Aoyama, M.; Asai, K.; Shishikura, T.; Kawamoto, T.;
Miyachi, T.; Yokoi, T.; Togari, H.; Wada, Y.; Kato,
T.; Nakagawara, A.
CORPORATE SOURCE: Department of Pediatrics, Nagoya City University
Medical School, Nagoya, Mizuho-ku, 467-8601, Japan
SOURCE: Cancer Letters (Shannon, Ireland) (2001), 164(1),
51-60
CODEN: CALEDQ; ISSN: 0304-3835
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 85 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:861815 HCAPLUS
DOCUMENT NUMBER: 134:26116
TITLE: Protein and cDNA sequences of human and mouse protein
kinase sequence homologs, and uses thereof in
identifying novel kinase inhibitor
INVENTOR(S): Bird, Timothy A.; Virca, G. Duke; Martin, Unja;
Anderson, Dirk M.
PATENT ASSIGNEE(S): Immunex Corporation, USA
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000073468	A1	20001207	WO 2000-US14696	20000526
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1181374	A1	20020227	EP 2000-939378	20000526
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
US 6514719	B1	20030204	US 2000-579664	20000526
PRIORITY APPLN. INFO.:			US 1999-136781P	P 19990528
			WO 2000-US14696	W 20000526
REFERENCE COUNT:	10	THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 86 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:756836 HCAPLUS
DOCUMENT NUMBER: 133:318300
TITLE: Human homologs of Drosophila fused gene and protein
INVENTOR(S): Mosca, Monica; Isacchi, Antonella
PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A, Italy
SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063352	A2	20001026	WO 2000-EP2761	20000329
WO 2000063352	A3	20010201		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1171580	A2	20020116	EP 2000-926771	20000329
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2002541837	T2	20021210	JP 2000-612431	20000329
PRIORITY APPLN. INFO.:			GB 1999-8798	A 19990416
			WO 2000-EP2761	W 20000329

L11 ANSWER 87 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:756527 HCAPLUS
DOCUMENT NUMBER: 133:325643
TITLE: Antifibrotic formulations containing inhibitors of

cell-volume-regulated **human kinase**
h-sgk
INVENTOR(S): Lang, Florian; Waldegger, Siegfried; Wagner, Carsten;
Broer, Stefan; Klingel, Karin
PATENT ASSIGNEE(S): Germany
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062781	A1	20001026	WO 2000-EP3578	20000419
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19917990	A1	20001102	DE 1999-19917990	19990420
BR 2000009914	A	20020108	BR 2000-9914	20000419
EP 1171131	A1	20020116	EP 2000-922655	20000419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002542196	T2	20021210	JP 2000-611917	20000419
NO 2001005054	A	20011214	NO 2001-5054	20011017
DE 1999-19917990 A 19990420 WO 2000-EP3578 W 20000419				
PRIORITY APPLN. INFO.:				
REFERENCE COUNT:	17	THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 88 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:573920 HCAPLUS
DOCUMENT NUMBER: 133:173998
TITLE: Human cDNAs encoding **brain** diacylglycerol
kinase beta isoforms and their use
INVENTOR(S): Caricasole, Andrea; Caldara, Fabrizio; Sala, Cinzia
Felicità
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 57 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047723	A2	20000817	WO 1999-GB4421	19991223
WO 2000047723	A3	20010118		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				

DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1153133 A2 20011114 EP 1999-962455 19991223
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 JP 2002540765 T2 20021203 JP 2000-598623 19991223
 PRIORITY APPLN. INFO.: GB 1999-3430 A 19990215
 WO 1999-GB4421 W 19991223

L11 ANSWER 89 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:174516 HCAPLUS
 DOCUMENT NUMBER: 134:188983
 TITLE: Human UMP-CMP kinase (UCK) and its coding sequence,
 preparing process and application
 INVENTOR(S): Yu, Long; Zhao, Yong; Fu, Qiang; Zhang, Honglai; Zhao,
 Shouyuan
 PATENT ASSIGNEE(S): Fudan Univ., Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 19 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CN 1264740	A	20000830	CN 1999-102449	19990226
PRIORITY APPLN. INFO.:			CN 1999-102449	19990226

L11 ANSWER 90 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2000:341453 HCAPLUS
 DOCUMENT NUMBER: 133:131554
 TITLE: Characterization of PDZ-binding kinase, a mitotic
 kinase
 AUTHOR(S): Gaudet, Suzanne; Branton, Daniel; Lue, Robert A.
 CORPORATE SOURCE: Department of Molecular and Cellular Biology, Harvard
 University, Cambridge, MA, 02138, USA
 SOURCE: Proceedings of the National Academy of Sciences of the
 United States of America (2000), 97(10), 5167-5172
 CODEN: PNASA6; ISSN: 0027-8424
 PUBLISHER: National Academy of Sciences
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 91 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2000:129376 HCAPLUS
 DOCUMENT NUMBER: 132:290285
 TITLE: PSK, a novel STE20-like kinase derived from prostatic
 carcinoma that activates the c-Jun N-terminal kinase
 mitogen-activated protein kinase pathway and regulates
 actin cytoskeletal organization
 AUTHOR(S): Moore, Tanya M.; Garg, Ritu; Johnson, Caroline;
 Coptcoat, Malcolm J.; Ridley, Anne J.; Morris,
 Jonathan D. H.
 CORPORATE SOURCE: Molecular Oncology Laboratory, Department of Academic
 Surgery, Rayne Institute, King's College School of
 Medicine and Dentistry, London, SE5 9NU, UK
 SOURCE: Journal of Biological Chemistry (2000), 275(6),
 4311-4322
 CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 92 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:668346 HCAPLUS
DOCUMENT NUMBER: 134:14614
TITLE: SPAK, a STE20/SPS1-related kinase that activates the
p38 pathway
AUTHOR(S): Johnston, Anne M.; Naselli, Gaetano; Gonez, L. Jorge;
Martin, Roland M.; Harrison, Leonard C.; DeAizpurua,
Henry J.
CORPORATE SOURCE: Autoimmunity and Transplantation Division, The Walter
and Eliza Hall Institute of Medical Research,
Parkville, 3050, Australia
SOURCE: Oncogene (2000), 19(37), 4290-4297
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Nature Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 93 OF 194 MEDLINE DUPLICATE 8
ACCESSION NUMBER: 2000483169 MEDLINE
DOCUMENT NUMBER: 20445994 PubMed ID: 10990492
TITLE: Isolation and **expression** of PASK, a
serine/threonine kinase, during rat embryonic development,
with special emphasis on the pancreas.
AUTHOR: Miao N; Fung B; Sanchez R; Lydon J; Barker D; Pang K
CORPORATE SOURCE: Ontogeny, Inc., Cambridge, Massachusetts 02138-1118, USA.
SOURCE: JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY, (2000 Oct) 48
(10) 1391-400.
Journal code: 9815334. ISSN: 0022-1554.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200010
ENTRY DATE: Entered STN: 20001019
Last Updated on STN: 20020420
Entered Medline: 20001010

L11 ANSWER 94 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:618793 HCAPLUS
DOCUMENT NUMBER: 133:247592
TITLE: Activation of extracellular signal-regulated kinase
(ERK) and Akt by human serotonin 5-HT1B receptors in
transfected BE(2)-C neuroblastoma cells is inhibited
by RGS4
AUTHOR(S): Lione, Angelique M.; Errico, Monica; Lin, Stanley L.;
Cowen, Daniel S.
CORPORATE SOURCE: Department of Psychiatry, University of Medicine and
Dentistry of New Jersey-Robert Wood Johnson Medical
School, Piscataway, NJ, USA
SOURCE: Journal of Neurochemistry (2000), 75(3), 934-938
CODEN: JONRA9; ISSN: 0022-3042
PUBLISHER: Lippincott Williams & Wilkins
DOCUMENT TYPE: Journal

LANGUAGE: English
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 95 OF 194 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:266075 BIOSIS
DOCUMENT NUMBER: PREV200000266075
TITLE: Characterization of hPRP4 kinase activation: Potential role
in signaling.
AUTHOR(S): Huang, Yong (1); Deng, Tiliang; Winston, Brent W. (1)
CORPORATE SOURCE: (1) Department of Medicine, University of Calgary, Calgary,
Alberta, T2N 4N1 Canada
SOURCE: Biochemical and Biophysical Research Communications, (May
10, 2000) Vol. 271, No. 2, pp. 456-463. print..
ISSN: 0006-291X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L11 ANSWER 96 OF 194 LIFESCI COPYRIGHT 2003 CSA
ACCESSION NUMBER: 2000:98702 LIFESCI
TITLE: Assignment of human GADD45G to chromosome 9q22.1 arrow
right q22.3 by radiation hybrid mapping
AUTHOR: Gong, R.; Yu, L.; Zhang, H.; Tu, Q.; Zhao, Y.; Yang, J.;
Xu, Y.; Zhao, S.
CORPORATE SOURCE: Institute of Genetics, Fudan University, 220 Handan Road,
Shanghai 200433 P.R., China; E-mail: longyu@fudan.edu.cn
SOURCE: Cytogenetics and Cell Genetics [Cytogenet. Cell Genet.],
(20000000) vol. 88, no. 1-2, pp. 95-96.
ISSN: 0301-0171.
DOCUMENT TYPE: Journal
FILE SEGMENT: G
LANGUAGE: English
SUMMARY LANGUAGE: English

L11 ANSWER 97 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:409160 HCAPLUS
DOCUMENT NUMBER: 133:346308
TITLE: Human sphingosine kinase: molecular **cloning**,
functional characterization and tissue distribution
AUTHOR(S): Melendez, A. J.; Carlos-Dias, E.; Gosink, M.; Allen,
J. M.; Takacs, L.
CORPORATE SOURCE: Department of Molecular and Cellular Biology, Institut
de Recherche Jouveinal/Parke-Davis, Fresnes, 94265,
Fr.
SOURCE: Gene (2000), 251(1), 19-26
CODEN: GENED6; ISSN: 0378-1119
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 98 OF 194 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2000-01116 BIOTECHDS
TITLE: Novel kinase-related proteins used for the diagnosis and
treatment of kinase-related diseases and disorders;
expression in host cell, DNA probe, monoclonal
antibody and hybridoma used for gene therapy and drug
screening
AUTHOR: Plowman G; Martinez R; Whyte D
PATENT ASSIGNEE: Sugen

LOCATION: South San Francisco, CA, USA.
PATENT INFO: WO 9953036 21 Oct 1999
APPLICATION INFO: WO 1999-US8150 13 Apr 1999
PRIORITY INFO: US 1998-81784 14 Apr 1998
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 1999-611301 [52]

L11 ANSWER 99 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:42532 HCAPLUS
DOCUMENT NUMBER: 130:106933
TITLE: A human homolog of the rat serum glucocorticoid-regulated kinase and a cDNA encoding it
INVENTOR(S): Kumar, Sanjay; Zou, Cheng
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
SOURCE: Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 889127	A1	19990107	EP 1998-304830	19980618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2235785	AA	19990101	CA 1998-2235785	19980623
JP 11123086	A2	19990511	JP 1998-186223	19980701
US 2001027184	A1	20011004	US 2001-784249	20010215
PRIORITY APPLN. INFO.:			US 1997-51446P	P 19970701
			US 1997-997212	A 19971223
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 100 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:315403 HCAPLUS
DOCUMENT NUMBER: 131:99243
TITLE: Characterization of a novel type of serine/threonine kinase that specifically phosphorylates the human Goodpasture antigen
AUTHOR(S): Raya, Angel; Revert, Fernando; Navarro, Samuel; Saus, Juan
CORPORATE SOURCE: Fundacion Valenciana de Investigaciones Biomedicas, Instituto de Investigaciones Citologicas, Valencia, 46010, Spain
SOURCE: Journal of Biological Chemistry (1999), 274(18), 12642-12649
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 101 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:191938 HCAPLUS
DOCUMENT NUMBER: 131:54562
TITLE: Cell cycle-dependent **expression** and centrosome localization of a third human Aurora/Ipl1-related protein kinase, AIK3

AUTHOR(S): Kimura, Masashi; Matsuda, Yoichi; Yoshioka, Takashi;
Okano, Yukio
CORPORATE SOURCE: Department of Molecular Pathobiochemistry, Gifu
University School of Medicine, Gifu, 500-8705, Japan
SOURCE: Journal of Biological Chemistry (1999), 274(11),
7334-7340
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 102 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:494092 HCAPLUS
DOCUMENT NUMBER: 131:238355
TITLE: Differential effects of human granulocyte
colony-stimulating factor (hG-CSF) and thrombopoietin
on megakaryopoiesis and platelet function in hG-CSF
receptor-transgenic mice
AUTHOR(S): Yang, Feng-Chun; Tsuji, Kohichiro; Oda, Atsushi;
Ebihara, Yasuhiro; Xu, Ming-Jiang; Kaneko, Azusa;
Hanada, Sachiyo; Mitsui, Tetsuo; Kikuchi, Akira;
Manabe, Atsushi; Watanabe, Sumiko; Ikeda, Yasuo;
Nakahata, Tatsutoshi
CORPORATE SOURCE: Department of Clinical Oncology and the Department of
Molecular and Developmental Biology, The Institute of
Medical Science, The University of Tokyo, Tokyo,
108-8639, Japan
SOURCE: Blood (1999), 94(3), 950-958
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: W. B. Saunders Co.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 103 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:297827 HCAPLUS
DOCUMENT NUMBER: 131:140207
TITLE: Human Minibrain Homologue (MNBH/DYRK1):
Characterization, Alternative Splicing, Differential
Tissue **Expression**, and Overexpression in
Down Syndrome
AUTHOR(S): Guimera, Jordi; Casas, Caty; Estivill, Xavier;
Pritchard, Melanie
CORPORATE SOURCE: Medical and Molecular Genetics Center-IRO, Hospital
Duran i Reynals, Barcelona, 08907, Spain
SOURCE: Genomics (1999), 57(3), 407-418
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 104 OF 194 LIFESCI COPYRIGHT 2003 CSA
ACCESSION NUMBER: 2000:74638 LIFESCI
TITLE: **Cloning** of a cDNA encoding a Pim1 homologue in
zebrafish, Danio rerio
AUTHOR: Icard-Liepkalns, C.; Haire, R.N.; Strong, S.J.; Litman,

CORPORATE SOURCE: G.W.*
Department of Pediatrics, University of South Florida
College of Medicine, All Children's Hospital, 801 Sixth
Street South, St. Petersburg, FL 33701, USA; E-mail:
litmang@allkids.org
SOURCE: Immunogenetics, (19990000) vol. 49, no. 4, pp. 351-353.
ISSN: 0093-7711.
DOCUMENT TYPE: Journal
FILE SEGMENT: F; G; Q4
LANGUAGE: English
SUMMARY LANGUAGE: English

L11 ANSWER 105 OF 194 MEDLINE DUPLICATE 9
ACCESSION NUMBER: 1999333434 MEDLINE
DOCUMENT NUMBER: 99333434 PubMed ID: 10403904
TITLE: A receptor tyrosine kinase, UFO/Axl, and other genes
isolated by a modified differential display PCR are
overexpressed in metastatic prostatic carcinoma cell line
DU145.
AUTHOR: Jacob A N; Kalapurakal J; Davidson W R; Kandpal G; Dunson
N; Prashar Y; Kandpal R P
CORPORATE SOURCE: Fels Institute for Cancer Research and Molecular Biology,
Temple University School of Medicine, Philadelphia,
Pennsylvania 19140, USA.
SOURCE: CANCER DETECTION AND PREVENTION, (1999) 23 (4) 325-32.
Journal code: 7704778. ISSN: 0361-090X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990816
Last Updated on STN: 20000303
Entered Medline: 19990805

L11 ANSWER 106 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:454081 HCAPLUS
DOCUMENT NUMBER: 131:226949
TITLE: Human glomerular epithelial cell **express** CD4
and interaction with gp120 protein promotes PYK2
tyrosine phosphorylation
AUTHOR(S): Kapasi, Aditi A.; Franki, Nicholas; Ding, Guohua;
Singhal, Pravin C.
CORPORATE SOURCE: Department of Medicine, Long Island Jewish Medical
Center, New Hyde Park, NY, 11040, USA
SOURCE: Molecular Cell Biology Research Communication (1999),
1(2), 140-143
CODEN: MCBCFS; ISSN: 1522-4724
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 107 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:621317 HCAPLUS
DOCUMENT NUMBER: 129:240885
TITLE: Human doublin gene involved in neuronal development
INVENTOR(S): Walsh, Christopher A.; Allen, Kristina M.; Gleeson,
Joseph G.
PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center Inc., USA
SOURCE: PCT Int. Appl., 103 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9840495	A1	19980917	WO 1998-US4584	19980309
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9866941	A1	19980929	AU 1998-66941	19980309
PRIORITY APPLN. INFO.:				US 1997-816717 19970313
				WO 1998-US4584 19980309
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 108 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:752249 HCAPLUS
DOCUMENT NUMBER: 130:11992
TITLE: Protein tyrosine kinase PYK2 cDNA sequences and its biological functions in signal transduction
INVENTOR(S): Lev, Sima; Schlessinger, Joseph
PATENT ASSIGNEE(S): Sugen Inc., USA
SOURCE: U.S., 49 pp., Cont.-in-part of U. S. Ser. No. 357,642.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5837815	A	19981117	US 1995-460626	19950602
US 5837524	A	19981117	US 1994-357642	19941215
CA 2207581	AA	19960620	CA 1995-2207581	19951206
WO 9618738	A2	19960620	WO 1995-US15846	19951206
WO 9618738	A3	19960815		
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9644658	A1	19960703	AU 1996-44658	19951206
EP 799314	A2	19971008	EP 1995-943378	19951206
EP 799314	B1	20030514		
R: CH, DE, FR, GB, IT, LI				
JP 2001523081	T2	20011120	JP 1996-519142	19951206
PRIORITY APPLN. INFO.:				US 1994-357642 A2 19941215
				US 1995-460626 A 19950602
				WO 1995-US15846 W 19951206
REFERENCE COUNT:	34	THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 109 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:34800 HCAPLUS
DOCUMENT NUMBER: 130:76180
TITLE: Human serum glucocorticoid-regulated kinase, a target for chronic renal disease
INVENTOR(S): Kumar, Janet M.

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 887081	A2	19981230	EP 1998-304189	19980527
EP 887081	A3	20000322		
EP 887081	B1	20030423		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2234417	AA	19981227	CA 1998-2234417	19980603
JP 11092401	A2	19990406	JP 1998-180437	19980626
PRIORITY APPLN. INFO.:			US 1997-51124P	P 19970627

L11 ANSWER 110 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:604791 HCAPLUS
 DOCUMENT NUMBER: 129:213510
 TITLE: The human homolog of the cell volume regulated protein kinase sgk and the gene encoding it
 INVENTOR(S): Lang, Florian; Waldegger, Siegfried
 PATENT ASSIGNEE(S): Dade Behring Marburg G.m.b.H., Germany
 SOURCE: Eur. Pat. Appl., 15 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 861896	A2	19980902	EP 1998-101338	19980127
EP 861896	A3	19991020		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19708173	A1	19980903	DE 1997-19708173	19970228
CA 2224404	AA	19980828	CA 1998-2224404	19980226
US 6326181	B1	20011204	US 1998-31295	19980226
JP 10248566	A2	19980922	JP 1998-46565	19980227
US 2003003559	A1	20030102	US 2001-39	20011204
PRIORITY APPLN. INFO.:			DE 1997-19708173 A	19970228
			US 1998-31295	A3 19980226

L11 ANSWER 111 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:421052 HCAPLUS
 DOCUMENT NUMBER: 129:172234
 TITLE: Human cyclin K, a novel RNA polymerase II-associated cyclin possessing both carboxy-terminal domain kinase and Cdk-activating kinase activity
 AUTHOR(S): Edwards, Michael C.; Wong, Calvin; Elledge, Stephen J.
 CORPORATE SOURCE: Verna and Marrs McLean Department of Biochemistry and Department of Molecular and Human Genetics, Howard Hughes Medical Institute, Baylor College of Medicine, Houston, TX, 77030, USA
 SOURCE: Molecular and Cellular Biology (1998), 18(7), 4291-4300
 CODEN: MCEBD4; ISSN: 0270-7306
 PUBLISHER: American Society for Microbiology

DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 112 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:759807 HCAPLUS
DOCUMENT NUMBER: 130:121219
TITLE: Localization of myotonic dystrophy protein kinase in
human and rabbit tissues using a new panel of
monoclonal antibodies
AUTHOR(S): Pham, Y. C. N.; Nguyen thi Man; Lam, Le Thanh; Morris,
G. E.
CORPORATE SOURCE: MRIC Biochemistry Group, NE Wales Institute, Wrexham,
LL11 2AW, UK
SOURCE: Human Molecular Genetics (1998), 7(12), 1957-1965
CODEN: HMGEES; ISSN: 0964-6906
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 113 OF 194 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 10
ACCESSION NUMBER: 1998144358 EMBASE
TITLE: Murine NIMA-related kinases are **expressed** in
patterns suggesting distinct functions in gametogenesis and
a role in the nervous system.
AUTHOR: Arama E.; Yanai A.; Kilfin G.; Bernstein A.; Motro B.
CORPORATE SOURCE: B. Motro, Department of Life Sciences, Bar-Ilan University,
Ramat-Gan 52900, Israel
SOURCE: Oncogene, (9 Apr 1998) 16/14 (1813-1823).
Refs: 47
ISSN: 0950-9232 CODEN: ONCNES
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology
021 Developmental Biology and Teratology
022 Human Genetics
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L11 ANSWER 114 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:672265 HCAPLUS
DOCUMENT NUMBER: 130:36240
TITLE: Human Bub1: a putative spindle checkpoint kinase
closely linked to cell proliferation
AUTHOR(S): Ouyang, Bin; Lan, Zhengdao; Meadows, Juliana; Pan,
Huiqi; Fukasawa, Kenji; Li, Wenqing; Dai, Wei
CORPORATE SOURCE: Division of Hematology and Oncology, Department of
Medicine, University of Cincinnati College of
Medicine, Cincinnati, OH, 45267, USA
SOURCE: Cell Growth & Differentiation (1998), 9(10), 877-885
CODEN: CGDIE7; ISSN: 1044-9523
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 115 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:206846 HCAPLUS
 DOCUMENT NUMBER: 129:1172
 TITLE: Molecular **cloning** of human **testis**
 mRNA specifically **expressed** in haploid germ
 cells, having structural homology with the A-kinase
 anchoring proteins
 AUTHOR(S): Mohapatra, Bhagyalaxmi; Verma, Saguna; Shankar,
 Srinivasan; Suri, Anil
 CORPORATE SOURCE: Genes and Proteins Laboratory, National Institute of
 Immunology, New Delhi, 110067, India
 SOURCE: Biochemical and Biophysical Research Communications
 (1998), 244(2), 540-545
 CODEN: BBRCA9; ISSN: 0006-291X
 PUBLISHER: Academic Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 116 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:762766 HCAPLUS
 DOCUMENT NUMBER: 130:120302
 TITLE: **Cloning** of STK13, a third human protein
 kinase related to aurora and budding yeast lpl1 that
 maps on chromosome 19q13.3-ter
 AUTHOR(S): Bernard, M.; Sanseau, P.; Henry, C.; Couturier, A.;
 Prigent, C.
 CORPORATE SOURCE: Departement de Biologie et Genetique du Developpement,
 Groupe Cycle Cellulaire, CNRS UPr 41, Universite de
 Rennes I, Rennes, 35047, Fr.
 SOURCE: Genomics (1998), 53(3), 406-409
 CODEN: GNMCEP; ISSN: 0888-7543
 PUBLISHER: Academic Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 117 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1999:16930 HCAPLUS
 DOCUMENT NUMBER: 130:206559
 TITLE: Identification of a human cDNA encoding a
 kinase-defective Cdk5 isoform
 AUTHOR(S): Moorthamer, Mark; Zumstein-Mecker, Sabine; Stephan,
 Christine; Mittl, Peer; Chaudhuri, Bhabatosh
 CORPORATE SOURCE: Oncology Research, Novartis Pharma AG, Basel,
 WKL-125.13.17, Switz.
 SOURCE: Biochemical and Biophysical Research Communications
 (1998), 253(2), 305-310
 CODEN: BBRCA9; ISSN: 0006-291X
 PUBLISHER: Academic Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 118 OF 194 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 11
 ACCESSION NUMBER: 1998210040 EMBASE
 TITLE: The gene for the human Src-like adaptor protein (hSLAP) is
 located within the 64-kb intron of the thyroglobulin gene.
 AUTHOR: Meijerink P.H.S.; Yanakiev P.; Zorn I.; Grierson A.J.;
 Bikker H.; Dye D.; Kalaydjieva L.; Baas F.

CORPORATE SOURCE: P.H.S. Meijerink, Department of Neurology, Academic Medical Center, Meibergdreef 9, NL-1105 AZ, Amsterdam, Netherlands. p.h.meijerink@amc.uva.nl
SOURCE: European Journal of Biochemistry, (1 Jun 1998) 254/2 (297-303).
Refs: 30
ISSN: 0014-2956 CODEN: EJBCAI
COUNTRY: Germany
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
022 Human Genetics
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L11 ANSWER 119 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:193902 HCAPLUS
DOCUMENT NUMBER: 129:14591
TITLE: **Cloning** of human p55.gamma., a regulatory subunit of phosphatidylinositol 3-kinase, by a yeast two-hybrid library screen with the insulin-like growth factor-I receptor
AUTHOR(S): Dey, Bhakta R.; Furlanetto, Richard W.; Nissley, S. Peter
CORPORATE SOURCE: National Cancer Institute, Metabolism Branch, National Institutes of Health, Bethesda, MD, 20892, USA
SOURCE: Gene (1998), 209(1/2), 175-183
CODEN: GENED6; ISSN: 0378-1119
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 120 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:390758 HCAPLUS
DOCUMENT NUMBER: 129:159953
TITLE: First continuous human pheochromocytoma cell line: KNA biological, cytogenetic and molecular characterization of KNA cells
AUTHOR(S): Pfragner, R.; Behmel, A.; Smith, D. P.; Ponder, B. A. J.; Wirnsberger, G.; Rinner, I.; Porta, S.; Henn, T.; Niederle, B.
CORPORATE SOURCE: Department of General and Experimental Pathology, Medical School, University of Graz, Graz, A-8010, Austria
SOURCE: Journal of Neurocytology (1998), 27(3), 175-186
CODEN: JNCYA2; ISSN: 0300-4864
PUBLISHER: Chapman & Hall
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 121 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:513247 HCAPLUS
DOCUMENT NUMBER: 129:240625
TITLE: Human ULK1, a novel serine/threonine kinase related to UNC-51 kinase of Caenorhabditis elegans: cDNA **cloning, expression**, and chromosomal assignment
AUTHOR(S): Kuroyanagi, Hidehito; Yan, Jin; Seki, Naohiko;

Yamanouchi, Yasuko; Suzuki, Yo-ichi; Takano, Takako;
Muramatsu, Masa-aki; Shirasawa, Takuji
CORPORATE SOURCE: Department of Mol. Genetics, Tokyo Metropolitan Inst.
of Gerontology, Tokyo, 173-0015, Japan
SOURCE: Genomics (1998), 51(1), 76-85
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 122 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:441487 HCAPLUS
DOCUMENT NUMBER: 129:120520
TITLE: A molecular model of human branched-chain amino acid
metabolism
AUTHOR(S): Suryawan, Agus; Hawes, John W.; Harris, Robert A.;
Shimomura, Yoshiharu; Jenkins, Anne E.; Hutson, Susan
M.
CORPORATE SOURCE: Department of Biochemistry, Wake Forest University
School of Medicine, Winston-Salem, NC, 27157, USA
SOURCE: American Journal of Clinical Nutrition (1998), 68(1),
72-81
CODEN: AJCNAC; ISSN: 0002-9165
PUBLISHER: American Society for Clinical Nutrition
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 123 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:29361 HCAPLUS
DOCUMENT NUMBER: 128:152647
TITLE: Peutz-Jeghers syndrome is caused by mutations in a
novel serine threonine kinase
AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi;
Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard;
Muller, Oliver; Back, Walter; Zimmer, Michael
CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry,
Martinsried, 82152, Germany
SOURCE: Nature Genetics (1998), 18(1), 38-43
CODEN: NGENEC; ISSN: 1061-4036
PUBLISHER: Nature America
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 124 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:746066 HCAPLUS
DOCUMENT NUMBER: 128:10900
TITLE: **human kinase** gene SOK-1 cDNA
sequence and methods for detection of modulators of
kinase activity
INVENTOR(S): Force, Thomas; Kyriakis, John M.; Pombo, Celia M.;
Bonventre, Joseph
PATENT ASSIGNEE(S): General Hospital Corporation, USA
SOURCE: PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742212	A1	19971113	WO 1997-US7739	19970507
W: AU, CA, CN, IL, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9731182	A1	19971126	AU 1997-31182	19970507
PRIORITY APPLN. INFO.:			US 1996-16774P	P 19960507
			WO 1997-US7739	W 19970507

L11 ANSWER 125 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:457222 HCAPLUS

DOCUMENT NUMBER: 127:77001

TITLE: MCCS-1 - a human cell cycle checkpoint PIK-related kinase involved in DNA repair, a cDNA encoding it and chemo- and radio- therapy related uses of the enzyme
INVENTOR(S): Hoekstra, Merl F.; Holtzman, Doug A.; Keegan, Kathleen S.

PATENT ASSIGNEE(S): Icos Corp., USA

SOURCE: PCT Int. Appl., 210 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9718323	A2	19970522	WO 1996-US19337	19961118
WO 9718323	A3	19971009		
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2210650	AA	19970522	CA 1996-2210650	19961118
AU 9714611	A1	19970605	AU 1997-14611	19961118
EP 807169	A2	19971119	EP 1996-945181	19961118
EP 807169	A3	19980311		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1199420	A	19981118	CN 1996-192586	19961118
JP 2002515732	T2	20020528	JP 1997-519180	19961118
FI 9703005	A	19970915	FI 1997-3005	19970715
NO 9703279	A	19970916	NO 1997-3279	19970715
PRIORITY APPLN. INFO.:			US 1995-558666	A 19951116
			US 1996-7312	A 19960227
			US 1996-725304	A 19961021
			WO 1996-US19337	W 19961118

L11 ANSWER 126 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:667973 HCAPLUS

DOCUMENT NUMBER: 127:317357

TITLE: Human protein and enzyme cDNA sequences useful for cancer and hereditary disease diagnosis and therapy
Fujiwara, Tsutomu; Watanabe, Takeshi; Horie, Masato

INVENTOR(S): Otsuka Pharmaceutical Co., Ltd., Japan

PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 123 pp.

CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 796913	A2	19970924	EP 1997-104842	19970319
EP 796913	A3	20010131		
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 09308492	A2	19971202	JP 1997-69163	19970305
JP 2002045190	A2	20020212	JP 2001-172415	19970305
CA 2200371	AA	19970919	CA 1997-2200371	19970319
US 5831058	A	19981103	US 1997-820170	19970319
EP 1295944	A2	20030326	EP 2002-26841	19970319
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6005088	A	19991221	US 1998-55699	19980407
US 6166190	A	20001226	US 1999-273565	19990322
US 6333404	B1	20011225	US 2000-565538	20000505
US 6376189	B1	20020423	US 2000-661468	20000913
US 2002107383	A1	20020808	US 2001-976165	20011015
US 6562947	B2	20030513		

PRIORITY APPLN. INFO.:
JP 1996-63410 A 19960319
JP 1997-69163 A 19970305
EP 1997-104842 A3 19970319
US 1997-820170 A3 19970319
US 1998-55699 A3 19980407
US 1999-273565 A3 19990322
US 2000-565538 A3 20000505

L11 ANSWER 127 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:637207 HCAPLUS
DOCUMENT NUMBER: 127:328118
TITLE: Molecular **cloning** and characterization of a novel p38 mitogen-activated protein kinase
AUTHOR(S): Wang, Xuhong Sunny; Diener, Katrina; Manthey, Carl L.; Wang, Shen-wu; Rosenzweig, Bradley; Bray, Jeffrey; Delaney, John; Cole, Craig N.; Chan-Hui, Po-Ying; Mantlo, Nathan; Lichenstein, Henri S.; Zukowski, Mark; Yao, Zhengbin
CORPORATE SOURCE: Amgen Inc., Boulder, CO, 80301, USA
SOURCE: Journal of Biological Chemistry (1997), 272(38), 23668-23674
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 128 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:280024 HCAPLUS
DOCUMENT NUMBER: 127:2396
TITLE: Human pyridoxal kinase. cDNA **cloning, expression**, and modulation by ligands of the benzodiazepine receptor
AUTHOR(S): Hanna, Michael C.; Turner, Anthony J.; Kirkness, Ewen F.
CORPORATE SOURCE: Inst. Genomic Res., Rockville, MD, 20850, USA
SOURCE: Journal of Biological Chemistry (1997), 272(16),

10756-10760
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular
 Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 129 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:196057 HCAPLUS
 DOCUMENT NUMBER: 126:291694
 TITLE: Monocyte cells and cancer cells **express**
 novel paxillin isoforms with different binding
 properties to focal adhesion proteins
 AUTHOR(S): Mazaki, Yuichi; Hashimoto, Shigeru; Sabe, Hisataka
 CORPORATE SOURCE: Inst. Virus Res., Kyoto Univ., Kyoto, 606, Japan
 SOURCE: Journal of Biological Chemistry (1997), 272(11),
 7437-7444
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular
 Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 130 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:493972 HCAPLUS
 DOCUMENT NUMBER: 127:200956
 TITLE: Human and Xenopus cDNAs encoding budding yeast
 Cdc7-related kinases: in vitro phosphorylation of MCM
 subunits by a putative human homolog of Cdc7
 AUTHOR(S): Sato, Noriko; Arai, Ken-Ichi; Masai, Hisao
 CORPORATE SOURCE: Department of Molecular and Developmental Biology,
 Institute of Medical Science, University of Tokyo,
 Tokyo, 108, Japan
 SOURCE: EMBO Journal (1997), 16(14), 4340-4351
 CODEN: EMJODG; ISSN: 0261-4189
 PUBLISHER: Oxford University Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 131 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:680901 HCAPLUS
 DOCUMENT NUMBER: 127:326809
 TITLE: Phosphorylation of the human calcitonin receptor by
 multiple kinases is localized to the C-terminus
 AUTHOR(S): Nygaard, Sean C.; Kuestner, Rolf E.; Moore, Emma E.;
 Stroop, Steven D.
 CORPORATE SOURCE: ZymoGenetics, Inc., Seattle, WA, USA
 SOURCE: Journal of Bone and Mineral Research (1997), 12(10),
 1681-1690
 CODEN: JBMREJ; ISSN: 0884-0431
 PUBLISHER: Blackwell
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 132 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:705075 HCAPLUS
 DOCUMENT NUMBER: 128:10745
 TITLE: **Cloning** and partial sequencing of a novel
 human activin receptor-like kinase
 AUTHOR(S): Ohno, Tsukasa; Imai, Atsushi; Takagi, Atsushi; Horibe,
 Shinji; Takagi, Hiroshi; Tamaya, Teruhiko
 CORPORATE SOURCE: Department of Obstetrics and Gynecology, Gifu

University School of Medicine, Tsukasamachi, 500,
Japan

SOURCE: Oncology Reports (1997), 4(6), 1349-1351
CODEN: OCRPEW; ISSN: 1021-335X

PUBLISHER: Oncology Reports

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 133 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:316553 HCAPLUS
DOCUMENT NUMBER: 127:1463
TITLE: Human SAK related to the PLK/polo family of cell cycle
kinases shows high mRNA **expression** in
testis

AUTHOR(S): Karn, Thomas; Holtrich, Uwe; Wolf, Georg; Hock,
Bjoern; Strebhardt, Klaus; Ruebsamen-Waigmann, Helga

CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Frankfurt,
60596, Germany

SOURCE: Oncology Reports (1997), 4(3), 505-510
CODEN: OCRPEW; ISSN: 1021-335X

PUBLISHER: Oncology Reports

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 134 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:702583 HCAPLUS
DOCUMENT NUMBER: 128:44418
TITLE: Identification of two novel human putative
serine/threonine kinases, VRK1 and VRK2, with
structural similarity to vaccinia virus B1R kinase

AUTHOR(S): Nezu, Jun-ichi; Oku, Asuka; Jones, Michael H.;
Shimane, Miyuki

CORPORATE SOURCE: Gene Search Program, Chugai Res. Inst. Mol. Med.,
Niihari, 300-41, Japan

SOURCE: Genomics (1997), 45(2), 327-331
CODEN: GNMCEP; ISSN: 0888-7543

PUBLISHER: Academic

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 135 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:2706 HCAPLUS
DOCUMENT NUMBER: 126:70971
TITLE: The human gene for the regulatory subunit RI.alpha. of
cyclic adenosine 3',5'-monophosphate-dependent protein
kinase: two distinct promoters provide differential
regulation of alternatively spliced messenger
ribonucleic acids

AUTHOR(S): Solberg, Rigmor; Sandberg, Maerten; Natarajan,
Vasanti; Torjesen, Peter A.; Hansson, Vidar; Jahnsen,
Tore; Tasken, Kjetil

CORPORATE SOURCE: Institute of Medical Biochemistry, University of Oslo,
Oslo, Norway

SOURCE: Endocrinology (1997), 138(1), 169-181
CODEN: ENDOAO; ISSN: 0013-7227

PUBLISHER: Endocrine Society

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 136 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:318494 HCAPLUS
DOCUMENT NUMBER: 124:333122

TITLE: Human **brain**-specific kinase,
recombinant protein production in mammal cell,
and drug assessment for treatment of neurodegenerative
or limbic system diseases
INVENTOR(S): Zhou, Renping; Paulhiac, Clara
PATENT ASSIGNEE(S): Rutgers, State University of New Jersey, USA
SOURCE: PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9603043	A1	19960208	WO 1995-US9334	19950726
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9531441	A1	19960222	AU 1995-31441	19950726
PRIORITY APPLN. INFO.:			US 1994-279855	19940726
			WO 1995-US9334	19950726

L11 ANSWER 137 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:366094 HCAPLUS
DOCUMENT NUMBER: 125:80511
TITLE: Human p21 protein-activated protein serine kinase p65
(PAK65) and a cDNA encoding it and its therapeutic
applications
INVENTOR(S): Abo, Arie; Martin, George A.
PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., USA
SOURCE: U.S., 42 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5518911	A	19960521	US 1995-369780	19950106
US 5605825	A	19970225	US 1995-475682	19950607
CA 2209426	AA	19960711	CA 1996-2209426	19960105
WO 9620948	A1	19960711	WO 1996-US487	19960105
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9647560	A1	19960724	AU 1996-47560	19960105
AU 702308	B2	19990218		
EP 802921	A1	19971029	EP 1996-903482	19960105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
JP 10512143	T2	19981124	JP 1996-521283	19960105
US 5698445	A	19971216	US 1996-636036	19960422
US 5698428	A	19971216	US 1997-780833	19970110
US 6013464	A	20000111	US 1997-918509	19970822
US 6048706	A	20000411	US 1998-108262	19980701
PRIORITY APPLN. INFO.:			US 1995-369780	19950106
			US 1995-475682	19950607
			WO 1996-US487	19960105

US 1997-780833 19970110
US 1997-918509 19970822

L11 ANSWER 138 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:649983 HCAPLUS
DOCUMENT NUMBER: 125:295569
TITLE: SMAP, an Smg GDS-associating protein having arm repeats and phosphorylated by Src tyrosine kinase
AUTHOR(S): Shimizu, Kazuya; Kawabe, Hiroshi; Minami, Seigo; Honda, Tomoyuki; Takaishi, Kenji; Shirataki, Hiromichi; Takai, Yoshimi
CORPORATE SOURCE: Dep. Molecular Biology, Osaka Univ. Med. Sch., Suita, 565, Japan
SOURCE: Journal of Biological Chemistry (1996), 271(43), 27013-27017
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 139 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:498524 HCAPLUS
DOCUMENT NUMBER: 125:215535
TITLE: prk, A cytokine-inducible human protein serine/threonine kinase whose **expression** appears to be down-regulated in lung carcinomas
AUTHOR(S): Li, Bo; Ouyang, Bin; Pan, Huiqi; Reissmann, Peter T.; Slamon, Dennis J.; Arceci, Robert; Lu, Luo; Dai, Wei
CORPORATE SOURCE: Div. Hematol. Oncol., Univ. Cincinnati Coll. Med., Cincinnati, OH, 45267, USA
SOURCE: Journal of Biological Chemistry (1996), 271(32), 19402-19408
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 140 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:312447 HCAPLUS
DOCUMENT NUMBER: 125:27254
TITLE: **Cloning** and characterization of GRB14, a novel member of the GRB7 gene family
AUTHOR(S): Daly, Roger J.; Sanderson, Georgina M.; Janes, Peter W.; Sutherland, Robert L.
CORPORATE SOURCE: Cancer Biol. Div., Garvan Inst. Med. Res., New South Wales, 2010, Australia
SOURCE: Journal of Biological Chemistry (1996), 271(21), 12502-12510
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 141 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:256015 HCAPLUS
DOCUMENT NUMBER: 124:311096
TITLE: Molecular **cloning** of a novel human diacylglycerol kinase highly selective for arachidonate-containing substrates

AUTHOR(S): Tang, Wen; Bunting, Michaeline; Zimmerman, Guy A.;
McIntyre, Thomas M.; Prescott, Stephen M.
CORPORATE SOURCE: Program Human Mol. Biol. Genet., Univ. Utah, Salt Lake
City, UT, 84112, USA
SOURCE: Journal of Biological Chemistry (1996), 271(17),
10237-41
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 142 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:421332 HCAPLUS
DOCUMENT NUMBER: 125:136294
TITLE: **Cloning and expression** of human
deoxyguanosine kinase cDNA
AUTHOR(S): Johansson, Magnus; Karlsson, Anna
CORPORATE SOURCE: Medical Nobel Institute, Karolinska Institute,
Stockholm, S-171 77, Swed.
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America (1996), 93(14), 7258-7262
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 143 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:101971 HCAPLUS
DOCUMENT NUMBER: 124:168462
TITLE: An intact N terminus of the .gamma. subunit is
required for the G.beta..gamma. stimulation of
rhodopsin phosphorylation by human .beta.-adrenergic
receptor kinase-1 but not for kinase binding
AUTHOR(S): Haske, Taraneh N.; DeBlasi, Antonio; Levine, Harry,
III
CORPORATE SOURCE: Parke-Davis Pharmaceutical Res. Div., Warner-Lambert
Co., Ann Arbor, MI, 48105, USA
SOURCE: Journal of Biological Chemistry (1996), 271(6), 2941-8
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 144 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:655557 HCAPLUS
DOCUMENT NUMBER: 125:294485
TITLE: Human neural tissues **express** a truncated
Ror1 receptor tyrosine kinase, lacking both
extracellular and transmembrane domains
AUTHOR(S): Reddy, Usha R.; Phatak, Sagar; Pleasure, David
CORPORATE SOURCE: Children's Hospital Of Philadelphia, University of
Pennsylvania, Pennsylvania, PA, 19104, USA
SOURCE: Oncogene (1996), 13(7), 1555-1559
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Stockton
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 145 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:558103 HCAPLUS

DOCUMENT NUMBER: 125:239716
 TITLE: A human homolog of Drosophila minibrain (MNB) is **expressed** in the neuronal regions affected in Down syndrome and maps to the critical region

AUTHOR(S): Guimera, Jordi; Casas, Caty; Pucharcos, Carles; Solans, Asun; Domenech, Anna; Planas, Anna M.; Ashley, Jennifer; Lovett, Michael; Estivill, Xavier; Pritchard, Melanie A.

CORPORATE SOURCE: Mol. Genetics Dep., Cancer Res. Inst., Barcelona, 08907, Spain

SOURCE: Human Molecular Genetics (1996), 5(9), 1305-1310
 CODEN: HMGE5; ISSN: 0964-6906

PUBLISHER: Oxford University Press

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 146 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1996:394911 HCAPLUS
 DOCUMENT NUMBER: 125:106810
 TITLE: Human B creatine kinase gene **expression** in C2C12 cells is regulated by protein interactions involving the first exon

AUTHOR(S): Ritchie, Michael E.

CORPORATE SOURCE: Div. Cardiol. Cardiovascular Res. Cent., Univ. Cincinnati Coll. Med., Cincinnati, OH, 45267-0542, USA

SOURCE: Biochemical and Biophysical Research Communications (1996), 223(3), 762-769
 CODEN: BBRCA9; ISSN: 0006-291X

PUBLISHER: Academic

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 147 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:137824 HCAPLUS
 DOCUMENT NUMBER: 126:183137
 TITLE: Analysis of the cDNA and encoded protein of the human **testis**-specific PGK-2 gene

AUTHOR(S): McCarrey, John R.; Kumari, Meena; Aivaliotis, Mary Jo; Wang, Zhiqiang; Zhang, Peter; Marshall, Frey; Vandeberg, John L.

CORPORATE SOURCE: Department of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX, 78228, USA

SOURCE: Developmental Genetics (New York) (1996), 19(4), 321-332
 CODEN: DGNTDW; ISSN: 0192-253X

PUBLISHER: Wiley-Liss

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 148 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1996:339457 HCAPLUS
 DOCUMENT NUMBER: 125:31214
 TITLE: **Expression** of the human MxA protein is associated with hyperphosphorylation of VSV P protein in human neural cells

AUTHOR(S): Schuster, Armin; Johnston, Ian C. D.; Das, Tapas; Banerjee, Amiya K.; Pavlovic, Jovan; Ter Meulen, Volker; Schneider-Schaulies, Sibylle

CORPORATE SOURCE: Inst. Virol., Univ. Wuerzburg, Wuerzburg, D-97078, Germany

SOURCE: Virology (1996), 220(1), 241-245
 CODEN: VIRLAX; ISSN: 0042-6822

PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 149 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:997545 HCAPLUS
DOCUMENT NUMBER: 124:78732
TITLE: Human EPH-like receptor protein tyrosine kinases HEK5,
HEK7, HEK8, and HEK11
INVENTOR(S): Fox, Gary M.; Welcher, Andrew A.; Jing, Shuqian
PATENT ASSIGNEE(S): Amgen Inc., USA
SOURCE: PCT Int. Appl., 135 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9528484	A1	19951026	WO 1995-US4681	19950414
W:	AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA			
RW:	KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
CA 2189028	AA	19951026	CA 1995-2189028	19950414
AU 9522925	A1	19951110	AU 1995-22925	19950414
AU 702522	B2	19990225		
EP 756627	A1	19970205	EP 1995-916419	19950414
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
JP 09512167	T2	19971209	JP 1995-527140	19950414
US 5981245	A	19991109	US 1995-449645	19950524
US 5981246	A	19991109	US 1996-702367	19960821
PRIORITY APPLN. INFO.:			US 1994-229509	19940415
			WO 1995-US4681	19950414

L11 ANSWER 150 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:945615 HCAPLUS
DOCUMENT NUMBER: 124:80360
TITLE: An isoform of the neuronal cyclin-dependent kinase 5 (Cdk5) activator
AUTHOR(S): Tang, Damu; Yeung, Jeffery; Lee, Ki-Young; Matsushita, Masayuki; Matsui, Hideki; Tomizawa, Kazuhito; Hatase, Osamu; Wang, Jerry H.
CORPORATE SOURCE: Dep. Biochem., Hong Kong Univ. Sci. Technol., Kowloon, Hong Kong
SOURCE: Journal of Biological Chemistry (1995), 270(45), 26897-903
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 151 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:987380 HCAPLUS
DOCUMENT NUMBER: 124:24838
TITLE: Sequence verification of human creatine kinase (43 kDa) isoenzymes by high-resolution tandem mass

spectrometry
 AUTHOR(S): Wood, Troy D.; Chen, Lorenzo H.; White, Camille B.;
 Babbitt, Patricia C.; Kenyon, George L.; McLafferty,
 Fred W.
 CORPORATE SOURCE: Dep. Chem., Baker Lab., Cornell Univ., Ithaca, NY,
 14853-1301, USA
 SOURCE: Proceedings of the National Academy of Sciences of the
 United States of America (1995), 92(25), 11451-5
 CODEN: PNASA6; ISSN: 0027-8424
 PUBLISHER: National Academy of Sciences
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 152 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:451488 HCAPLUS

DOCUMENT NUMBER: 123:218318

TITLE: The human μ opioid receptor: modulation of functional desensitization by calcium/calmodulin-dependent protein kinase and protein kinase C

AUTHOR(S): Mestek, Anton; Hurley, Joyce H.; Bye, Leighan S.;
Campbell, Andrew D.; Chen, Yan; Tian, Mingting; Liu,
Jian; Schulman, Howard; Yu, Lei

CORPORATE SOURCE: Department of Medical and Molecular Genetics, Indiana University School of Medicine, Indianapolis, IN, 46202, USA

SOURCE: Journal of Neuroscience (1995), 15(3, Pt. 2), 2396-406
CODEN: JNRSDS; ISSN: 0270-6474

PUBLISHER: Society for Neuroscience

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 153 OF 194 MEDLINE DUPLICATE 12

ACCESSION NUMBER: 96074837 MEDLINE

DOCUMENT NUMBER: 96074837 PubMed ID: 7478528

TITLE: **Cloning, characterization, and differential expression** of MDK2 and MDK5, two novel receptor tyrosine kinases of the eck/eph family.

AUTHOR: Ciossek T; Lerch M M; Ullrich A

CORPORATE SOURCE: Department of Molecular Biology, Max-Planck-Institut fur Biochemie, Martinsried, Germany.

SOURCE: ONCOGENE, (1995 Nov 16) 11 (10) 2085-95.

Journal code: 8711562. ISSN: 0950-9232.

PUB. COUNTRY: ENGLAND: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-Z49085; GENBANK-Z49086

ENTRY MONTH: 199512

ENTRY DATE: Entered STN: 19960124

Last Updated on STN: 20000303

Entered Medline: 19951228

L11 ANSWER 154 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:927971 HCAPLUS

DOCUMENT NUMBER: 124:82911

TITLE: Molecular characterization and chromosomal localization of DRT (EPHT3): a developmentally regulated human protein-tyrosine kinase gene of the EPH family

AUTHOR(S): Ikegaki, Naohiko; Tang, Xao X.; Liu, Xing-Ge; Biegel, Jaclyn A.; Allen, Cindy; Yoshioka, Akira; Sulman, Erik P.; Brodeur, Garrett M.; Pleasure, David E.

CORPORATE SOURCE: Div. Oncol., Child. Hosp. Philadelphia, Philadelphia, PA, 19104-4318, USA
SOURCE: Human Molecular Genetics (1995), 4(11), 2033-45
CODEN: HMGE5; ISSN: 0964-6906
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 155 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:613945 HCAPLUS
DOCUMENT NUMBER: 123:50541
TITLE: Characterization of myotonic dystrophy kinase (DMK) protein in human and rodent muscle and central nervous tissue

AUTHOR(S): Whiting, Elisabeth J.; Waring, James D.; Tamai, Katsuyuki; Somerville, Martin J.; Hincke, Maxwell; Staines, William A.; Ikeda, Joh-E.; Korneluk, Robert G.

CORPORATE SOURCE: Dep. Microbiol. Immunol., Univ. Ottawa, Ottawa, ON, Can.

SOURCE: Human Molecular Genetics (1995), 4(6), 1063-72
CODEN: HMGE5; ISSN: 0964-6906
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 156 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:434465 HCAPLUS
DOCUMENT NUMBER: 123:52857

TITLE: cDNA **cloning** and tissue distribution of 5 human EPH-like receptor protein-tyrosine kinases
AUTHOR(S): Fox, Gary M.; Holst, Paige L.; Chute, Hilary T.; Lindberg, Richard A.; Janssen, Ann M.; Basu, Rita; Welcher, Andrew A.

CORPORATE SOURCE: Dep. Immunology, Amgen, Inc., Thousand Oaks, CA, 91320-1789, USA

SOURCE: Oncogene (1995), 10(5), 897-905
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Stockton
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 157 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:880629 HCAPLUS
DOCUMENT NUMBER: 124:24704

TITLE: cDNA **cloning**, molecular characterization, and chromosomal localization of NET(EPHT2), a human EPH-related receptor protein-tyrosine kinase gene preferentially **expressed in brain**

AUTHOR(S): Tang, Xao X.; Biegel, Jaclyn A.; Nycum, Lynn M.; Yoshioka, Akira; Brodeur, Garrett M.; Pleasure, David E.; Ikegaki, Naohiko

CORPORATE SOURCE: Divisions of Neurology Research, The Children's Hospital of Philadelphia, Philadelphia, PA, 19104, USA

SOURCE: Genomics (1995), 29(2), 426-37
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 158 OF 194 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:727998 HCAPLUS

DOCUMENT NUMBER: 123:277512
 TITLE: A human homolog of the Drosophila tumor suppressor gene 1(2)gl maps to 17p11.2-12 and codes for a cytoskeletal protein that associates with nonmuscle myosin II heavy chain
 AUTHOR(S): Strand, Dennis; Unger, Sylvia; Corvi, Raffaella; Hartenstein, Kirsten; Schenkel, Heide; Kalmes, Andreas; Merdes, Gunter; Neumann, Beate; Krieg-Schneider, Frank
 CORPORATE SOURCE: Dep. of Developmental Genetics, Deutsches Krebsforschungszentrum, Heidelberg, D-69120, Germany
 SOURCE: Oncogene (1995), 11(2), 291-301
 CODEN: ONCNES; ISSN: 0950-9232
 PUBLISHER: Macmillan Scientific & Medical Division
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 159 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1995:679094 HCAPLUS
 DOCUMENT NUMBER: 123:311037
 TITLE: Interaction of a tyrosine kinase from human sperm with the zona pellucida at fertilization
 AUTHOR(S): Burks, D. J.; Carballada, R.; Moore, H. D. M.; Saling, P. M.
 CORPORATE SOURCE: Dep. Obstetrics and Gynecology, Duke Univ. Medical Center, Durham, NC, 27710, USA
 SOURCE: Science (Washington, D. C.) (1995), 269(5220), 83-6
 CODEN: SCIEAS; ISSN: 0036-8075
 PUBLISHER: American Association for the Advancement of Science
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 160 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:692793 HCAPLUS
 DOCUMENT NUMBER: 121:292793
 TITLE: Antisense nucleic acid inhibitors of tau protein kinase I for treatment or prophylaxis of Alzheimer's disease
 INVENTOR(S): Takashima, Akihiko; Hoshino, Toshimitsu; Imahori, Kazutomo; Saito, Ken-ichi; Shiratsuchi, Akiko; Sato, Showbu
 PATENT ASSIGNEE(S): Mitsubishi Kasei Corp., Japan
 SOURCE: Eur. Pat. Appl., 29 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 616032	A2	19940921	EP 1994-103057	19940301
EP 616032	A3	19961211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 06253835	A2	19940913	JP 1993-41160	19930302
JP 06329551	A2	19941129	JP 1993-191246	19930802
CA 2116460	AA	19940903	CA 1994-2116460	19940225
US 6071694	A	20000606	US 1995-461018	19950605
US 5837853	A	19981117	US 1996-602264	19960220
US 6248559	B1	20010619	US 1998-216958	19981221
US 2002058637	A1	20020516	US 2001-866712	20010530
PRIORITY APPLN. INFO.:			JP 1993-41160	A 19930302

JP 1993-85143	A 19930322
JP 1993-191246	A 19930802
US 1994-204091	B3 19940302
US 1995-461018	A3 19950605
US 1998-216958	A3 19981221

L11 ANSWER 161 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:674996 HCAPLUS
 DOCUMENT NUMBER: 121:274996
 TITLE: A novel dual specificity phosphatase induced by serum stimulation and heat shock
 AUTHOR(S): Ishibashi, Toshio; Boattaro, Donald P.; Michieli, Paolo; Kelley, Christine A.; Aaronson, Stuart A.
 CORPORATE SOURCE: NCI, National Inst. Health, Bethesda, MD, 20892, USA
 SOURCE: Journal of Biological Chemistry (1994), 269(47), 29897-902
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 162 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1995:131380 HCAPLUS
 DOCUMENT NUMBER: 122:26632
 TITLE: **Cloning** and characterization of a human phosphatidylinositol 4-kinase
 AUTHOR(S): Wong, Karen; Cantley, Lewis
 CORPORATE SOURCE: Department Cell Biology, Harvard Medical School, Boston, MA, 02115, USA
 SOURCE: Journal of Biological Chemistry (1994), 269(46), 28878-84
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 163 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:573820 HCAPLUS
 DOCUMENT NUMBER: 121:173820
 TITLE: Molecular **cloning** of a diacylglycerol kinase isoenzyme predominantly **expressed** in human retina with a truncated and inactive enzyme **expression** in most other human cells
 AUTHOR(S): Kai, Masahiro; Sakane, Fumio; Imai, Shin-ichi; Wada, Ikuo; Kanoh, Hideo
 CORPORATE SOURCE: Sch. Med., Sapporo Med. Univ., Sapporo, 060, Japan
 SOURCE: Journal of Biological Chemistry (1994), 269(28), 18492-8
 CODEN: JBCHA3; ISSN: 0021-9258
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 164 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:477177 HCAPLUS
 DOCUMENT NUMBER: 121:77177
 TITLE: Differential **expression** of a novel protein kinase in human B lymphocytes. Preferential localization in the germinal center
 AUTHOR(S): Katz, Paul; Wahlen, Gail; Kehrl, John H.
 CORPORATE SOURCE: Lab. Immunoregul., Natl. Inst. Health, Bethesda, MD,

20892, USA
 SOURCE: Journal of Biological Chemistry (1994), 269(24),
 16802-9
 CODEN: JBCHA3; ISSN: 0021-9258
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 165 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:502932 HCAPLUS
 DOCUMENT NUMBER: 121:102932
 TITLE: **Cloning** and characterization of HTK, a novel
 transmembrane tyrosine kinase of the EPH subfamily
 AUTHOR(S): Bennett, Brian D.; Wang, Zhengyu; Kuang, Wun Jing;
 Wang, Anlai; Groopman, Jerome E.; Goeddel, David V.;
 Scadden, David T.
 CORPORATE SOURCE: Genentech, Inc., South San Francisco, CA, 94080, USA
 SOURCE: Journal of Biological Chemistry (1994), 269(19),
 14211-18
 CODEN: JBCHA3; ISSN: 0021-9258
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 166 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:432681 HCAPLUS
 DOCUMENT NUMBER: 121:32681
 TITLE: Molecular **cloning** of human Syk. A B cell
 protein-tyrosine kinase associated with the surface
 immunoglobulin M-B cell receptor complex
 AUTHOR(S): Law, Che Leung; Sidorenko, Svetlana P.; Chandran,
 Karen A.; Draves, Kevin E.; Chan, Andrew C.; Weiss,
 Arthur; Edelhoff, Susanne; Disteché, Christine M.;
 Clark, Edward A.
 CORPORATE SOURCE: Dep. Microbiol., Univ. Washington, Seattle, WA, 98195,
 USA
 SOURCE: Journal of Biological Chemistry (1994), 269(16),
 12310-19
 CODEN: JBCHA3; ISSN: 0021-9258
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 167 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:429807 HCAPLUS
 DOCUMENT NUMBER: 121:29807
 TITLE: rse, a novel receptor-type tyrosine kinase with
 homology to Axl/Ufo, is **expressed** at high
 levels in the **brain**
 AUTHOR(S): Mark, Melanie R.; Scadden, David T.; Wang, Zhengyu;
 Gu, Qimin; Goddard, Audrey; Godowski, Paul J.
 CORPORATE SOURCE: Dep. Cell Genet., Genentech, Inc., South San
 Francisco, CA, 94080, USA
 SOURCE: Journal of Biological Chemistry (1994), 269(14),
 10720-8
 CODEN: JBCHA3; ISSN: 0021-9258
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 168 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:599402 HCAPLUS
 DOCUMENT NUMBER: 121:199402
 TITLE: Src kinase associates with a member of a distinct
 subfamily of protein-tyrosine phosphatases containing
 an ezrin-like domain

AUTHOR(S): Moller, Niels Peter Hundahl; Moller, Karin Bach;
Lammers, Reiner; Kharitononkov, Alexei; Sures, Irmi;
Ullrich, Axel
CORPORATE SOURCE: Dep. Mol. Biol., Max-Planck-Institut fur Biochemie,
Martinsreid, D-82152, Germany
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America (1994), 91(16), 7477-81
CODEN: PNASA6; ISSN: 0027-8424
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 169 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:33501 HCAPLUS
DOCUMENT NUMBER: 122:210832
TITLE: Overexpression of ERK, an EPH family receptor protein
tyrosine kinase, in various human tumors
AUTHOR(S): Kiyokawa, Etsuko; Takai, Setsuo; Tanaka, Masamitsu;
Iwase, Toshio; Suzuki, Makoto; Xiang, Yun-Yan; Naito,
Yasuhisa; Yamada, Kiyomi; Sugimura, Haruhiko; Kino,
Isamu
CORPORATE SOURCE: Sch. Med., Hamamatsu Univ., 3600, Japan
SOURCE: Cancer Research (1994), 54(14), 3645-50
CODEN: CNREA8; ISSN: 0008-5472
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 170 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:597215 HCAPLUS
DOCUMENT NUMBER: 121:197215
TITLE: Molecular **cloning** of lsk, a
carboxyl-terminal src kinase (csk) related gene,
expressed in leukocytes
AUTHOR(S): McVicar, Daniel W.; Lal, Brajesh K.; Lloyd, Andrew;
Kawamura, Masura; Chen, Yi-Qing; Zhang, Xiaoying;
Staples, J. Erin; Ortaldo, John R.; O'Shea, John J.
CORPORATE SOURCE: Frederick Cancer Research Development Center, National
Cancer Institute, Frederick, MD, 21702-1201, USA
SOURCE: Oncogene (1994), 9(7), 2037-44
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 171 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:318218 HCAPLUS
DOCUMENT NUMBER: 120:318218
TITLE: Induction and down-regulation of PLK, a human
serine/threonine kinase **expressed** in
proliferating cells and tumors
AUTHOR(S): Holtrich, Uwe; Wolf, Georg; Braeuninger, Andreas;
Karn, Thomas; Boehme, Beatrix; Ruebsamen-Waigmann,
Helga; Strebhardt, Klaus
CORPORATE SOURCE: Chemotherapeutisches Forschungsinst.,
Georg-Speyer-Haus, Frankfurt, 60596, Germany
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America (1994), 91(5), 1736-40
CODEN: PNASA6; ISSN: 0027-8424
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 172 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:502991 HCAPLUS
DOCUMENT NUMBER: 121:102991

TITLE: Identification of a human cDNA encoding a novel protein kinase with two repeats of the LIM/double zinc finger motif
AUTHOR(S): Mizuno, Kensaku; Okano, Ichiro; Ohashi, Kazumasa; Nunoue, Koh; Kuma, Kei-ichi; Miyata, Takashi; Nakamura, Toshikazu
CORPORATE SOURCE: Fac. Sci., Kyushu Univ., Fukuoka, 812, Japan
SOURCE: Oncogene (1994), 9(6), 1605-12
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 173 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:623373 HCAPLUS
DOCUMENT NUMBER: 121:223373
TITLE: The glycerol kinase gene family: structure of the Xp gene, and related intronless retroposons
AUTHOR(S): Sargent, Carole A.; Young, Craig; Marsh, Sharon; Ferguson-Smith, Malcolm A.; Affara, Nabeel A.
CORPORATE SOURCE: Dep. Pathology, Univ. Cambridge, Cambridge, CB2 1OP, UK
SOURCE: Human Molecular Genetics (1994), 3(8), 1317-24
CODEN: HMGEES; ISSN: 0964-6906
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 174 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:428177 HCAPLUS
DOCUMENT NUMBER: 121:28177
TITLE: Molecular **cloning** of a novel non-receptor tyrosine kinase, HYL (hematopoietic consensus tyrosine-lacking kinase)
AUTHOR(S): Sakano, Seiji; Iwama, Atsushi; Inazawa, Johji; Ariyama, Takeshi; Ohno, Mitsuharu; Suda, Toshio
CORPORATE SOURCE: Sch. Med., Kumamoto Univ., Kumamoto, 860, Japan
SOURCE: Oncogene (1994), 9(4), 1155-61
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 175 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:695669 HCAPLUS
DOCUMENT NUMBER: 121:295669
TITLE: Identification and characterization of DBK, a novel putative serine/threonine protein kinase from human endothelial cells
AUTHOR(S): Chu, Wei; Presky, David H.; Danho, Waleed; Swerlick, Robert A.; Burns, Daniel K.
CORPORATE SOURCE: Dep. Inflammation/Autoimmune Diseases, Hoffman-La Roche Inc., Nutley, NJ, USA
SOURCE: European Journal of Biochemistry (1994), 225(2), 695-72
CODEN: EJBCAI; ISSN: 0014-2956
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 176 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:452989 HCAPLUS
DOCUMENT NUMBER: 121:52989
TITLE: cDNA **cloning** and **expression** of human calmodulin-dependent protein kinase IV
AUTHOR(S): Kitani, Takako; Okuro, Sachiko; Fujisawa, Hitoshi

CORPORATE SOURCE: Dep. Biochem., Asahikawa Med. Coll., Asahikawa, 078,
Japan
SOURCE: Journal of Biochemistry (Tokyo, Japan) (1994), 115(4),
637-40
CODEN: JOBIAO; ISSN: 0021-924X
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 177 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:573842 HCAPLUS
DOCUMENT NUMBER: 121:173842
TITLE: **Cloning** of a novel putative protein kinase
having a leucine zipper domain from human
brain
AUTHOR(S): Reddy, Usha R.; Pleasure, David
CORPORATE SOURCE: Neurology Research, Children's Hosp. of Philadelphia,
Philadelphia, PA, 19104, USA
SOURCE: Biochemical and Biophysical Research Communications
(1994), 202(1), 613-20
CODEN: BBRCA9; ISSN: 0006-291X
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 178 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:647769 HCAPLUS
DOCUMENT NUMBER: 121:247769
TITLE: **Cloning** and chromosomal localization of the
gene coding for human protein kinase CK1
AUTHOR(S): Tapia, Claudio; Featherstone, Terence; Gomez, Claudio;
Taillon-Miller, Patricia; Allende, Catherine C.;
Allende, Jorge E.
CORPORATE SOURCE: Fac. Med., Univ. Chile, Santiago, Chile
SOURCE: FEBS Letters (1994), 349(2), 307-12
CODEN: FEBLAL; ISSN: 0014-5793
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 179 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:157404 HCAPLUS
DOCUMENT NUMBER: 120:157404
TITLE: Identification and chromosomal mapping of a receptor
tyrosine kinase with a putative phospholipid binding
sequence in its ectodomain
AUTHOR(S): Perez, Jose L.; Shen, Xueyu; Finkernagel, Scott;
Sciorra, Leonard; Jenkins, Nancy A.; Gilbert, Debra
J.; Copeland, Neal G.; Wong, Tai Wai
CORPORATE SOURCE: Dep. Biochem., Robert Wood Johnson Med. Sch.,
Piscataway, NJ, 08854, USA
SOURCE: Oncogene (1994), 9(1), 211-19
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 180 OF 194 MEDLINE DUPLICATE 13
ACCESSION NUMBER: 94252566 MEDLINE
DOCUMENT NUMBER: 94252566 PubMed ID: 8194751
TITLE: The cDNA sequence and characterization of the
Ca2+/calmodulin-dependent protein kinase-Gr from human
brain and thymus.
AUTHOR: Bland M M; Monroe R S; Ohmstede C A
CORPORATE SOURCE: Wellcome Research Laboratories, Research Triangle Park, NC
27709.

SOURCE: GENE, (1994 May 16) 142 (2) 191-7.
Journal code: 7706761. ISSN: 0378-1119.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-L17000
ENTRY MONTH: 199406
ENTRY DATE: Entered STN: 19940707
Last Updated on STN: 19980206
Entered Medline: 19940629

L11 ANSWER 181 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:695693 HCAPLUS
DOCUMENT NUMBER: 121:295693
TITLE: Identification, assay, and purification of a
Cdc2-activating threonine-161 protein kinase from
human cells
AUTHOR(S): Williams, Richard T.; Wu, Lingtao; Carbonaro-Hall,
Denise A.; Hall, Frederick L.
CORPORATE SOURCE: Res. Inst. Childrens Hospital, University of Southern
California Sch. Med., Los Angeles, CA, 90027, USA
SOURCE: Archives of Biochemistry and Biophysics (1994),
314(1), 99-106
CODEN: ABBIA4; ISSN: 0003-9861
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 182 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:534278 HCAPLUS
DOCUMENT NUMBER: 119:134278
TITLE: **Cloning** and **expression** of GRK5: A
member of the G protein-coupled receptor kinase family
AUTHOR(S): Kunapuli, Priya; Benovic, Jeffrey L.
CORPORATE SOURCE: Jefferson Cancer Inst., Thomas Jefferson Univ.,
Philadelphia, PA, 19107, USA
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America (1993), 90(12), 5588-92
CODEN: PNASA6; ISSN: 0027-8424
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 183 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:403901 HCAPLUS
DOCUMENT NUMBER: 119:3901
TITLE: **Cloning** and analysis of two new isoforms of
multifunctional calcium/calmodulin-dependent protein
kinase. **Expression** in multiple human tissues
AUTHOR(S): Nghiem, Paul; Saati, Shahin M.; Martens, Christine L.;
Gardner, Phyllis; Schulman, Howard
CORPORATE SOURCE: Dep. Pharmacol., Stanford Med. Sch., Stanford, CA,
94305, USA
SOURCE: Journal of Biological Chemistry (1993), 268(8), 5471-9
CODEN: JBCHA3; ISSN: 0021-9258
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 184 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:130308 HCAPLUS
DOCUMENT NUMBER: 120:130308
TITLE: A survey of protein tyrosine kinase mRNAs
expressed in normal human melanocytes

AUTHOR(S): Lee, Seung Taek; Strunk, Kathleen M.; Spritz, Richard A.
CORPORATE SOURCE: Dep. Med. Genet., Univ. Wisconsin, Madison, WI, 53706, USA
SOURCE: Oncogene (1993), 8(12), 3403-10
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 185 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:554632 HCAPLUS
DOCUMENT NUMBER: 119:154632
TITLE: A non-receptor tyrosine kinase that inhibits the GTPase activity of p21cdc42
AUTHOR(S): Manser, Edward; Leung, Thomas; Salihuddin, Harfizah; Tan, Lydia; Lim, Louis
CORPORATE SOURCE: Inst. Mol. Cell Biol., Natl. Univ. Singapore, Singapore, 0511, Singapore
SOURCE: Nature (London, United Kingdom) (1993), 363(6427), 364-7
CODEN: NATUAS; ISSN: 0028-0836
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 186 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:126443 HCAPLUS
DOCUMENT NUMBER: 120:126443
TITLE: The human TYRO3 gene and pseudogene are located in chromosome 15q14-q25
AUTHOR(S): Polvi, Anne; Armstrong, Elina; Lai, Cari; Lemke, Greg; Huebner, Kay; Spritz, Richard A.; Guida, Leticia C.; Nicholls, Robert D.; Alitalo, Kari
CORPORATE SOURCE: Dep. Pathol., Univ. Helsinki, Helsinki, SF-00014, Finland
SOURCE: Gene (1993), 134(2), 289-93
CODEN: GENED6; ISSN: 0378-1119
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 187 OF 194 MEDLINE DUPLICATE 14
ACCESSION NUMBER: 92348472 MEDLINE
DOCUMENT NUMBER: 92348472 PubMed ID: 1639825
TITLE: **Expression** of TTK, a novel human protein kinase, is associated with cell proliferation.
AUTHOR: Mills G B; Schmandt R; McGill M; Amendola A; Hill M; Jacobs K; May C; Rodricks A M; Campbell S; Hogg D
CORPORATE SOURCE: Oncology Research, Toronto General Hospital, Ontario, Canada.
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Aug 5) 267 (22) 16000-6.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-M86699; GENBANK-M94136; GENBANK-M94137; GENBANK-M94138; GENBANK-M94139; GENBANK-M94140; GENBANK-M94141; GENBANK-M94142; GENBANK-M94143; GENBANK-M94144
ENTRY MONTH: 199208
ENTRY DATE: Entered STN: 19920911
Last Updated on STN: 19920911

Entered Medline: 19920828

L11 ANSWER 188 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1992:546098 HCAPLUS
DOCUMENT NUMBER: 117:146098
TITLE: Isolation and characterization of a human gene that
encodes a new subclass of protein tyrosine kinases
AUTHOR(S): Braeuninger, Andreas; Holtrich, Uwe; Strebhardt,
Klaus; Ruebsamen-Waigmann, Helga
CORPORATE SOURCE: Chemotherapeut. Forschungsinst., Frankfurt/Main,
6000/70, Germany
SOURCE: Gene (1992), 110(2), 205-11
CODEN: GENED6; ISSN: 0378-1119
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 189 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1991:507651 HCAPLUS
DOCUMENT NUMBER: 115:107651
TITLE: Molecular **cloning** and **expression**
of a human **brain** inositol
1,4,5-trisphosphate 3-kinase
AUTHOR(S): Takazawa, Kazunaga; Perret, Jason; Dumont, Jacques E.;
Erneux, Christophe
CORPORATE SOURCE: Inst. Rech. Interdiscip., Univ. Libre Bruxelles,
Brussels, B-1070, Belg.
SOURCE: Biochemical and Biophysical Research Communications
(1991), 174(2), 529-35
CODEN: BBRCA9; ISSN: 0006-291X
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 190 OF 194 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1990:605790 HCAPLUS
DOCUMENT NUMBER: 113:205790
TITLE: Nucleotide sequence and **expression** of a
novel human receptor-type tyrosine kinase gene (flt)
closely related to the fms family
AUTHOR(S): Shibuya, Masabumi; Yamaguchi, Sachiko; Yamane, Akira;
Ikeda, Toshio; Tojo, Arinobu; Matsushime, Hitoshi;
Sato, Misako
CORPORATE SOURCE: Inst. Med. Sci., Univ. Tokyo, Tokyo, 108, Japan
SOURCE: Oncogene (1990), 5(4), 519-24
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L11 ANSWER 191 OF 194 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1989:426462 BIOSIS
DOCUMENT NUMBER: BA88:84720
TITLE: IDENTIFICATION OF A DEVELOPMENTALLY REGULATED
PROTEIN-TYROSINE KINASE BY USING ANTI-PHOSPHOTYROSINE
ANTIBODIES TO SCREEN A COMPLEMENTARY DNA **EXPRESSION**
LIBRARY.
AUTHOR(S): PASQUALE E B; SINGER S J
CORPORATE SOURCE: DEP. BIOL., B-022, UNIV. CALIFORNIA, SAN DIEGO, LA JOLLA,
CALIF. 92093.
SOURCE: PROC NATL ACAD SCI U S A, (1989) 86 (14), 5449-5453.
CODEN: PNASA6. ISSN: 0027-8424.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L11 ANSWER 192 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1987:528232 HCAPLUS
 DOCUMENT NUMBER: 107:128232
 TITLE: Human creatine kinase: isolation and sequence
 analysis of cDNA **clones** for the B subunit,
 development of subunit specific probes and
 determination of gene copy number
 AUTHOR(S): Villarreal-Levy, Gerardo; Ma, Tony S.; Kerner, Sandra
 A.; Roberts, Robert; Perryman, M. Benjamin
 CORPORATE SOURCE: Dep. Med., Baylor Coll. Med., Houston, TX, 77030, USA
 SOURCE: Biochemical and Biophysical Research Communications
 (1987), 144(3), 1116-27
 CODEN: BBRCA9; ISSN: 0006-291X
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 193 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1987:62080 HCAPLUS
 DOCUMENT NUMBER: 106:62080
 TITLE: Isolation of a random cosmid **clone**, cX5,
 which defines a new polymorphic locus DXS148 near the
 locus for Duchenne muscular dystrophy
 AUTHOR(S): Hofker, M. H.; Bergen, A. A. B.; Skraastad, M. I.;
 Bakker, E.; Francke, U.; Wieringa, B.; Bartley, J.;
 Van Ommen, G. J. B.; Pearson, P. L.
 CORPORATE SOURCE: Dep. Hum. Genet., State Univ. Leiden, Leiden, NL-2300
 RA, Neth.
 SOURCE: Human Genetics (1986), 74(3), 275-9
 CODEN: HUGEDQ; ISSN: 0340-6717
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L11 ANSWER 194 OF 194 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1984:466978 HCAPLUS
 DOCUMENT NUMBER: 101:66978
 TITLE: A human autosomal phosphoglycerate kinase locus maps
 near the HLA cluster
 AUTHOR(S): Szabo, Paul; Grzeschik, Karl Heinz; Siniscalco,
 Marcello
 CORPORATE SOURCE: Mem. Sloan-Kettering Cancer Cent., Cornell Univ., New
 York, NY, 10021, USA
 SOURCE: Proceedings of the National Academy of Sciences of the
 United States of America (1984), 81(10), 3167-9
 CODEN: PNASA6; ISSN: 0027-8424
 DOCUMENT TYPE: Journal
 LANGUAGE: English

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E1	8	DONHO DAVID L/AU
E2	1	DONHO DAVID W/AU
E3	62 -->	DONHO G/AU
E4	1	DONHO G A/AU
E5	5	DONHO G P/AU
E6	16	DONHO GREG/AU
E7	1	DONHO GREG A/AU
E8	1	DONHO GREG P/AU
E9	46	DONHO GREGORY/AU
E10	1	DONHO GREGORY PAUL/AU
E11	1	DONHO H R/AU
E12	1	DONHO H S/AU

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=> s e3
L12      62 "DONOHO G"/AU

=> s e3-e9
L13      132 ("DONOHO G"/AU OR "DONOHO G A"/AU OR "DONOHO G P"/AU OR "DONOHO
          GREG"/AU OR "DONOHO GREG A"/AU OR "DONOHO GREG P"/AU OR "DONOHO
          GREGORY"/AU)

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E1      1200    TURNER C/AU
E2      1      TURNER C */AU
E3      128 --> TURNER C A/AU
E4      3      TURNER C A JR/AU
E5      1      TURNER C A L/AU
E6      5      TURNER C A P/AU
E7      1      TURNER C ALEX/AU
E8      8      TURNER C ALEXANDER/AU
E9      95     TURNER C ALEXANDER JR/AU
E10     82     TURNER C B/AU
E11     19     TURNER C C/AU
E12     124    TURNER C D/AU

=> s e3-e9
L14      241 ("TURNER C A"/AU OR "TURNER C A JR"/AU OR "TURNER C A L"/AU OR
          "TURNER C A P"/AU OR "TURNER C ALEX"/AU OR "TURNER C ALEXANDER"/
          AU OR "TURNER C ALEXANDER JR"/AU)

=> e nehls m c/au
E1      148    NEHLS M/AU
E2      1      NEHLS M A/AU
E3      48 --> NEHLS M C/AU
E4      1      NEHLS M K/AU
E5      1      NEHLS M V/AU
E6      85     NEHLS MICHAEL/AU
E7      28     NEHLS MICHAEL C/AU
E8      1      NEHLS MICHAEL CHRISTIAN/AU
E9      1      NEHLS MILTON S/AU
E10     19     NEHLS N/AU
E11     23     NEHLS O/AU
E12     5      NEHLS OLIVER/AU

=> s e3-e8
L15      164 ("NEHLS M C"/AU OR "NEHLS M K"/AU OR "NEHLS M V"/AU OR "NEHLS
          MICHAEL"/AU OR "NEHLS MICHAEL C"/AU OR "NEHLS MICHAEL CHRISTIAN"
          /AU)

=> e friedrich g/au
E1      2      FRIEDRICH FRITZ/AU
E2      1      FRIEDRICH FRNCES J/AU
E3      830 --> FRIEDRICH G/AU
E4      36     FRIEDRICH G A/AU
E5      1      FRIEDRICH G ANNE/AU
E6      3      FRIEDRICH G B/AU
E7      4      FRIEDRICH G E/AU
E8      19     FRIEDRICH G H/AU
E9      11     FRIEDRICH G H W/AU
E10     36     FRIEDRICH G J/AU
E11     1      FRIEDRICH G K/AU
E12     1      FRIEDRICH G L/AU

=> s e3
L16      830 "FRIEDRICH G"/AU

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=> e zambrowicz b/au

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E1      1      ZAMBROWIC B P/AU
E2      1      ZAMBROWICA E B/AU
E3      75 --> ZAMBROWICZ B/AU
E4      4      ZAMBROWICZ B E/AU
E5      59     ZAMBROWICZ B P/AU
E6      1      ZAMBROWICZ BRAIN P/AU
E7      88     ZAMBROWICZ BRIAN/AU
E8      32     ZAMBROWICZ BRIAN P/AU
E9      1      ZAMBROWICZ BRIAN PETER/AU
E10     1      ZAMBROWICZ BRYGIDA E/AU
E11     2      ZAMBROWICZ E/AU
E12     11     ZAMBROWICZ E B/AU
```

=> s e3-e9

```
L17      260 ("ZAMBROWICZ B"/AU OR "ZAMBROWICZ B E"/AU OR "ZAMBROWICZ B P"/AU
           OR "ZAMBROWICZ BRAIN P"/AU OR "ZAMBROWICZ BRIAN"/AU OR "ZAMBROW
           ICZ BRIAN P"/AU OR "ZAMBROWICZ BRIAN PETER"/AU)
```

=> e sands a t/au

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E1      23     SANDS A M/AU
E2      6      SANDS A R/AU
E3      120 --> SANDS A T/AU
E4      1      SANDS A W/AU
E5      1      SANDS ALAN R/AU
E6      1      SANDS ALICIA/AU
E7      1      SANDS ALLAN R/AU
E8      1      SANDS AMY/AU
E9      2      SANDS AMY M/AU
E10     2      SANDS ANDREW/AU
E11     1      SANDS ANITA J/AU
E12     11     SANDS ARTHUR/AU
```

=> s e3

```
L18      120 "SANDS A T"/AU
```

=> d his

(FILE 'HOME' ENTERED AT 13:57:33 ON 30 JUN 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 13:57:54 ON 30 JUN 2003

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L1      1090404 S KINASE?
L2      381469 S HUMAN AND L1
L3      6012364 S CLON? OR EXPRESS? OR RECOMBINANT
L4      183416 S L2 AND L3
L5      1344 S HUMAN (A) L1
L6      895 S L3 AND L5
L7      4162498 S BRAIN OR TRACHEA OR KIDNE? OR TESTIS
L8      1127703 S PROSTATE OR SPINAL(A) CHORD OR SPLEEN? OR ADRENAL
L9      5087432 S L7 OR L8
L10     240 S L6 AND L9
L11     194 DUP REM L10 (46 DUPLICATES REMOVED)
           E DONOHO G/AU
L12     62 S E3
L13     132 S E3-E9
           E TURNER C A/AU
L14     241 S E3-E9
           E NEHLS M C/AU
L15     164 S E3-E8
           E FRIEDRICH G/AU
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L16 830 S E3
 E ZAMBROWICZ B/AU
 L17 260 S E3-E9
 E SANDS A T/AU
 L18 120 S E3

=> s 112 or 114 or 116 or 118
 L19 1183 L12 OR L14 OR L16 OR L18

=> s 110 and 119
 L20 4 L10 AND L19

=> dup rem 120
 PROCESSING COMPLETED FOR L20
 L21 4 DUP REM L20 (0 DUPLICATES REMOVED)

=> d 1-4 ibib ab

L21 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:408781 HCAPLUS
 DOCUMENT NUMBER: 137:2411
 TITLE: Protein and cDNA sequences of **human**
kinase sequence homologs
 INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Mathur, Brian;
Turner, C. Alexander, Jr.
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 43 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002042438	A2	20020530	WO 2001-US43825	20011119
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG AU 2002028633 A5 20020603 AU 2002-28633 20011119 US 2002110908 A1 20020815 US 2001-992481 20011119 PRIORITY APPLN. INFO.: US 2000-252011P P 20001120 WO 2001-US43825 W 20011119				

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, esp. NEK family kinases and calcium/calmodulin-dependent protein kinase. NEK family kinase homolog gene, which has been mapped on human chromosome 17, is **expressed** in, inter alia, human cell lines and pituitary, thymus, **spleen**, lymph node, bone marrow, **trachea, kidney, prostate, testis**, thyroid, **adrenal** gland, pancreas, salivary gland, stomach, small intestine, skeletal muscle, heart, uterus, placenta, adipose, skin, bladder, rectum, pericardium, ovary, fetal **kidney**, fetal lung, gallbladder, tongue, aorta, 6-, 9-, and 12-wk embryos, adenocarcinoma, osteosarcoma, and embryonic carcinoma cells. Calcium/calmodulin-dependent protein kinase homolog gene, which has been

mapped on human chromosome 3, is predominantly **expressed** in fetal **brain, brain**, spinal cord, thymus, lymph node, **trachea**, lung, **prostate, testis**, thyroid, **adrenal** gland, stomach, small intestine, skeletal muscle, uterus, placenta, mammary gland, skin, bladder, pericardium, hypothalamus, fetal **kidney**, fetal lung, tongue, aorta, 6-, 9-, and 12-wk embryos, and embryonic carcinoma cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases assocd. with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases assocd. with inappropriate NHP activity or levels.

L21 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:293825 HCAPLUS

DOCUMENT NUMBER: 136:321268

TITLE: Protein and cDNA sequences of **human kinase** sequence homologs

INVENTOR(S): **Turner, C. Alexander, Jr.**; Mathur, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
PRIORITY APPLN. INFO.:			US 2000-239821P	P 20001012
			US 2001-975326	A1 20011011
			WO 2001-US32010	W 20011011

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, esp. serine-threonine kinases, calcium/calmodulin-dependent protein kinase, and mitogen activated kinases. NHP gene **expressed** in, inter alia, human cell lines, human fetal and adult **brain**, pituitary, spinal cord, **testis**, adipose, and esophagus cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases assocd. with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases assocd. with inappropriate NHP activity or levels.

L21 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:676960 HCAPLUS

DOCUMENT NUMBER: 135:237660

TITLE: Protein and cDNA sequences of novel **human**

kinase interacting protein homologs and uses thereof in diagnosis, therapy and drug screening
 INVENTOR(S): Mathur, Brian; **Turner, C. Alexander, Jr.**
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066760	A2	20010913	WO 2001-US7499	20010308
WO 2001066760	A3	20020530		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002082406	A1	20020627	US 2001-802116	20010308
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PRIORITY APPLN. INFO.: US 2000-187719P P 20000308

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with mammalian sugar and sodium-dependent inorg. phosphate kinase interacting proteins, and NBMPR-sensitive nucleoside kinase interacting proteins. The NHPs are novel proteins that are **expressed** in, inter alia, human cell lines and human fetal and adult **brain**, pituitary, cerebellum, spinal cord, thymus, **spleen**, lymph node, bone marrow, **trachea**, fetal and adult **kidney**, liver, **prostate**, **testis**, thyroid, **adrenal** gland, salivary gland, stomach, small intestine, colon, adipose, rectum, pericardium, hypothalamus, cervix, bladder, esophagus, skin, mammary gland, placenta, uterus, skeletal muscle, pancreas, fetal lung, and ovary cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases assocd. with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases assocd. with inappropriate NHP activity or levels.

L21 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel **human kinase** homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; **Turner, C. Alexander, Jr.**; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001061016 A2 20010823 WO 2001-US5356 20010215

WO 2001061016 A3 20020207

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002038011 A1 20020328 US 2001-783320 20010215

EP 1257652 A2 20021120 EP 2001-912839 20010215

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRIORITY APPLN. INFO.:

US 2000-183582P P 20000218

US 2000-184014P P 20000222

WO 2001-US5356 W 20010215

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with animal kinases, including cell division control protein kinases, serine/threonine protein kinases and membrane-assocd. guanylate kinases (MAGUKs). The NHPs are novel proteins that are **expressed in**, inter alia, human cell lines and human fetal and adult **brain**, pituitary, cerebellum, thymus, **spleen**, lymph node, bone marrow, **trachea**, fetal and adult liver, **prostate**, **testis**, thyroid, **adrenal** gland, pancreas, salivary gland, stomach, small intestine, colon, uterus, placenta, mammary gland, adipose, esophagus, bladder, cervix, rectum, pericardium, hypothalamus, ovary, fetal and adult **kidney**, and fetal lung cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases assocd. with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases assocd. with inappropriate NHP activity or levels.

=> d his

(FILE 'HOME' ENTERED AT 13:57:33 ON 30 JUN 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 13:57:54 ON 30 JUN 2003

L1 1090404 S KINASE?
L2 381469 S HUMAN AND L1
L3 6012364 S CLON? OR EXPRESS? OR RECOMBINANT
L4 183416 S L2 AND L3
L5 1344 S HUMAN (A)L1
L6 895 S L3 AND L5
L7 4162498 S BRAIN OR TRACHEA OR KIDNE? OR TESTIS
L8 1127703 S PROSTATE OR SPINAL(A)CHORD OR SPLEEN? OR ADRENAL
L9 5087432 S L7 OR L8
L10 240 S L6 AND L9
L11 194 DUP REM L10 (46 DUPLICATES REMOVED)
E DONOHO G/AU
L12 62 S E3
L13 132 S E3-E9
E TURNER C A/AU
L14 241 S E3-E9
E NEHLS M C/AU
L15 164 S E3-E8
E FRIEDRICH G/AU

L16	830 S E3
	E ZAMBROWICZ B/AU
L17	260 S E3-E9
	E SANDS A T/AU
L18	120 S E3
L19	1183 S L12 OR L14 OR L16 OR L18
L20	4 S L10 AND L19
L21	4 DUP REM L20 (0 DUPLICATES REMOVED)